

NOTICE: If the film image is less clear than this notice, it is due to the quality of the document being filmed

GENERATOR NAME: Mentor Corp
GENERATOR LOCATION: Goleta, CA
LAB PACK CONTAINER #: 6
CONTAINER SIZE: 5 Gallons
CONTAINER TYPE: Poly

DATE: 5/4/90
GENERATOR EPA ID#:
DOT SHIPPING NAME: Waste Ethyl Acetate
DOT DESCRIPTION: FLAMMABLE, n.c.s
UN/NA NUMBER: UN 1173
PACKAGING SUPERVISOR: Bill Taylor

ITEM #	DESCRIPTION	CONT. TYPE	#	SIZE	EPA #
001	ETHYLACETATE	GLASS	1	Gallon	U112

LAB PACK CERTIFICATE

I certify that I am an authorized employee of Industrial Recovery, Inc.. I hereby certify that the lab pack represented by this Material Characterization Data Sheet and Lab Packing List is prepared and shipped in full compliance with the Marine Shale Processors, Inc. lab pack guidelines.

Signature W. Taylor Date 6-9-90
Name W. TAYLOR Title Pres

DEQ051705

US V. MSP
PRODUCED BY MSP 9/93
REQUEST
BOX 1
W. Taylor
MSPS Lab Pack Worksheet

MSD054

1787 FL

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GENERATOR NAME: Mentor Corp
GENERATOR LOCATION: Goleta, CA
LAB PACK CONTAINER #: 62
CONTAINER SIZE: 5 Gallons
CONTAINER TYPE: Poly

DATE: 5/4/90
GENERATOR EPA ID#:
DOT SHIPPING NAME: Waste Ethyl Acetate
DOT DESCRIPTION: FLAMMABLE
UN/NA NUMBER: UN 1173
PACKAGING SUPERVISOR: Bill Taylor

ITEM #	DESCRIPTION	CONT. TYPE	#	SIZE	EPA #
001	ETHYLACETATE	GLASS	1	Gallon	U112

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Signature [Signature]

Date 6-9-90

Name

W TAYLOR

Title

Proj.

DEQ051706

U.S. V. MAP
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REQUEST
W. Taylor, Inc. 1000
MSD054

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GENERATOR NAME: Mentor Corp
GENERATOR LOCATION: Golsta, CA
LAB PACK CONTAINER #: 63
CONTAINER SIZE: 5 Gallons
CONTAINER TYPE: Poly

DATE: 5/4/90
GENERATOR EPA ID#: 78-060-0000
DOT SHIPPING NAME: Waste Ethyl Acetate
DOT DESCRIPTION: FLAMMABLE
UN/NA NUMBER: UN 1173
PACKAGING SUPERVISOR: Bill Taylor

<u>ITEM #</u>	<u>DESCRIPTION</u>	<u>CONT. TYPE</u>	<u>#</u>	<u>SIZE</u>	<u>EPA #</u>
001	ETHYLACETATE	GLASS	1	Gallon	U112

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Signature W. Taylor Date 6-4-90
Name W. TAYLOR Title Pres

DEQ051707

US V. MRP
Releasable
PRODUCED BY MRP 9/93
BOX 1 REQUEST
Washing Machine
1968-1969 Wash Machine

MSDO54

1787

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GENERATOR NAME: Mentor Corp.
GENERATOR LOCATION: Goleta, CA
LAB PACK CONTAINER #: 64
CONTAINER SIZE:
CONTAINER TYPE:

DATE: 5/4/90
GENERATOR EPA ID#: CAD0800323290
DOT SHIPPING NAME: Waste Flammable Liq
DOT DESCRIPTION: FLAMMABLE *MS*
UN/NA NUMBER: UN 1993
PACKAGING SUPERVISOR: Bill Taylor

ITEM #	DESCRIPTION	CONT. TYPE	#	SIZE	EPA #
Q01	1,2 DICHLOROETHANE	GLASS	1	2.3 Liter	U077
002	1,1,3,3, TETRA METHYL GLASS D, Siloxane		1	4OZ.	D-001

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Signature *W. Taylor*

Date 6-9-90

Name W. TAYLOR

Title PROD

DEQ051708

U.S. V. MAP
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REQUEST
W. TAYLOR
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GENERATOR NAME: Mentor Corp.
GENERATOR LOCATION: Goleta, CA
LAB PACK CONTAINER #: 65
CONTAINER SIZE:
CONTAINER TYPE:

DATE: 5/4/90
GENERATOR EPA ID#:
DOT SHIPPING NAME: Waste Organic
DOT DESCRIPTION: Peroxide Solution/as.
UN/NA NUMBER: NA 9183
PACKAGING SUPERVISOR: Bill Taylor

ITEM #	DESCRIPTION	CONT. TYPE	#	SIZE	EPA #
001	SENZOYL PEROXIDE, GLASS 50% Paste		1	8 OZ.	D001

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Signature W. Taylor Date 6-9-90
Name W. TAYLOR Title PROJ

DEB051709

US V. MAP
PRODUCED BY MAP 9/93
REPROducible
DO NOT
REMOVE
THIS
LABEL
FROM
THIS
DOCUMENT

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MANIFEST No 900811

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 8-30-91

UNITED STATES DEPARTMENT OF TRANSPORTATION HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. 1511 705 378 179		Manifest Document No. 101E		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Difco Laboratories 920 Henry Street				4. Generator's Phone (313) 961-1800 ✓				5. Transporter 1 Company Name Cousins Waste Control Corp.	
6. Generator's Address PO Box 1058 Detroit, MI 48232 ✓				7. Transporter 1 US EPA ID Number 010 068 061 096 ✓				8. Transporter 2 Company Name	
9. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380				10. Designated Facility US EPA ID Number 14 D 9 8 1 0 5 7 7 0 6				11. Date of Shipment 01/16/90	
12. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				13. Containers		14. Total Quantity		15. Unit	
a. Waste Flammable Liquid, H.O.S. (Obs. Laboratory Stain) Flammable Liquid (0001) UN 1993				1 container, Type DR		1 container		G	
b. EG-10 Waste Chloroform CRU-A (U044) UN 1888				1 container, Type DR		1 container		G	
c. Waste Phenol Poison B (U188) UN 1671				1 container, Type DR		1 container		G	
d. Non-Regulated Material Reject				1 container, Type DR		1 container		G	
16. Additional Descriptions for Materials Listed Above				17. Handling Codes for Wastes Listed Above		18. Special Handling Instructions and Additional Information		19. Generator's Certification	
a. Chloroform Approval: CDC/DTEL/8906497/DF0				b. Chloroform Approval: CDC/DTEL/8906497/DF0		c. Phenol Approval: CDC/DTEL/8906497/DF0		d. Brain Heart Agar Approval: CDC/DTEL/8906497/DF0	
In Case of Fire: Water spray, fog or foam.				In Case of Spill: Take up with noncombustible absorbent material.		IF UNABLE TO DELIVER, RETURN TO GENERATOR		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.	
Printed/Typed Name VERN WHEAT ✓				Signature <i>Vern Wheat</i> ✓		Month Day Year 01/16/90		17. Transporter 1 Acknowledgement of Receipt of Materials	
Printed/Typed Name STEVEN R. REED ✓				Signature <i>Steven R. Reed</i> ✓		Month Day Year 01/16/90		18. Transporter 2 Acknowledgement of Receipt of Materials	
Printed/Typed Name				Signature		Month Day Year		19. Discrepancy Indication Space	
11.b. & 11.d. Rejected 5 - 5 gallon drums and 2 - 30 gallon drums, solid not								20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.	
Printed/Typed Name Gina Bassett				Signature <i>Gina Bassett</i>		Month Day Year 01/16/90			

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U.S. V. MRP Releaseable

MSDOS 5.4

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Regulating Affairs

010051744

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U.S. V. N. N. S. D. P. R. O. D. U. C. E. D. B. Y. M. S. D. 5/93

DO NOT WRITE IN THESE SPACES
UNLESS YOU ARE SURE IT WILL NOT AFFECT THE DATA

MSD054

1794

DEQ051712

FEB 25 1980

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-11181

MATERIAL SAFETY DATA SHEET

Required under USOL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

RECEIVED
JUL 13 1980

BIFCO LABORATORIES

SECTION I

MANUFACTURER'S NAME MALLINCKRODT, INC.	EMERGENCY TELEPHONE NO. 606/987-7000
ADDRESS (Number, Street, City, State, and ZIP Code) P.O. Box M, Paris, KY 40361	
CHEMICAL NAME AND SYNONYMS Phenol Crystals	TRADE NAME AND SYNONYMS Carbolic Acid
CHEMICAL FAMILY Organic	FORMULA C ₆ H ₅ OH

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Unit)	ALLOYS AND METALLIC COATINGS	%	TLV (Unit)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Unit)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	358°F	Density	1.07
VAPOR PRESSURE (mm Hg) @ 40.1°C	1 mm	PERCENT VOLATILE BY VOLUME (%)	100%
VAPOR DENSITY (AIR=1)	3.24	EVAPORATION RATE (_____=1)	
SOLUBILITY IN WATER	very		
APPEARANCE AND ODOR	Colorless to light pink crystalline mass, char. odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	175°F C.C.	FLAMMABLE LIMITS	Lel	Uel
			1.7%	8.6%
EXTINGUISHING MEDIA	Water spray, carbon dioxide, dry chemical or foam.			
SPECIAL FIRE FIGHTING PROCEDURES	Wear full protective clothing. Do not allow exposure of body surface. Wear self contained breathing apparatus.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Yields flammable vapors when heated, which will form explosive mixtures with air. Ignition temperature is 1319°F. See Sec. VI.			

PAGE (1)

(Continued on reverse side)

This data applies to Codes 0008, 0028, 0004.

Form OSHA-20
Rev. May 72

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U.S. V. M.S.D. RELEASED BY M.S.D. 9/93

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PROPERTY OF M.S.D. - NOT TO BE REPRODUCED

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SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE Skin: 5 ppm; Toxicity: oral rat LD50-414mg/Kg, Skin-Rabbit-LD50-850mg/Kg	
EFFECTS OF OVEREXPOSURE High toxicity via oral and dermal routes. Main effect is on the central nervous system. Death has resulted from absorption through a 64 in ² skin area. Less acute exposure may cause headache, dizziness, weakness, blurring of vision. Also a severe EYES & SKIN: Immediately flush with flowing water (continue for 15 min.) and call physician. Remove contaminated clothing immediately. Inhalation: Give artificial respiration if patient is not breathing and call physician. Ingestion: If patient is conscious, give large amounts of water and induce vomiting. Take patient to hospital emergency room and call physician.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Heat, flame
INCOMPATIBILITY (Material to avoid): (AlCl ₃ + nitrobenzene), butadiene, oxidizers			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Cover with sodium bicarbonate, sweep up and dispose of in approved landfill. Flush small residue to sewer.	
WASTE DISPOSAL METHOD 1. Incinerate 2. Approved landfill	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specific Vapor) Gas mask or respirator with organic vapor with canister.		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	Rubber	EYE PROTECTION face shield
OTHER PROTECTIVE EQUIPMENT Rubber boots, full protective clothing		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Protect against physical damage. Store in cool, dry area, which is well ventilated. Keep away from areas where fire hazard may be acute. Outside storage is preferable.	
OTHER PRECAUTIONS See Sec. VI.	

DIFCO
LABORATORIES
P.O. BOX 1058
DETROIT MI 48232 USA

PHONE 313 961-0800
TELEX 23-5683 DIFCO LAB DET
CABLE "DIFCO"
FAX 313 961-1501
FAX 313 691-3530 (Marketing)

05 December 1989

Marine Shale Processors, Inc.
P.O. Box 1698
Kenner, LA 70063

Dear Sirs,

This is to certify that Phenol is the original material stated on the Characterization Data Sheet and has not been used or altered in any way.

Sincerely,

Yern Wheat

Yern Wheat
Regulatory Affairs

QUALITY AND SERVICE SINCE 1895

DEQ051714

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U.S. V. M.S.D. REQUEST
PRODUCED BY: M.S.D. 9/93
DOX 1-5
MARINE SHALE PROCESSORS, INC.
P.O. BOX 1698
KENNER, LA 70063

MSD054

1796

L

HAZARDOUS WASTE DIVISION
P.O. BOX 4430
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE

MANIFEST NO 919472

Form Approved OMB No 2050-0009 Expires 9-30-91

Please print or type. (Form designed for use on a 12-pin dot matrix printer.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address HOLLYWOOD PARK OR RECYCLING COMPANY 1050 SOUTH PATRIE AVENUE INGLEWOOD, CA 90306		CI A I D 1 9 1 8 1 2 1 3 1 4 1 9 1 2 1 4 1 3 1 6 1 1 9 1 9 1 0	919472	213	A. State Manifest Document Number
4. Generator's Phone (213) 419-1618					B. State Generator's ID
5. Transporter 1 Company Name A/S METAL RECYCLING, INC.		CI A I D 1 9 1 8 1 1 4 1 0 2 1 4 1 0 1 7			C. State Transporter's ID
7. Transporter 2 Company Name SOUTHERN PACIFIC RAILROAD		CI A I D 0 1 0 6 9 1 1 3 2 1 0 1 6			D. Transporter's Phone (213) 623-9445
9. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380		LI A I D 9 1 8 1 1 0 1 5 7 7 1 0 1 6			E. State Transporter's ID 1031
					F. Transporter's Phone (213) 780-6565
					G. State Facility's ID
					H. Facility's Phone (504) 631-3161
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. WASTE COMBUSTIBLE LIQUID, N.O.S. NA1993	11 @ 15	01 01 2 D I F	2 @ 15	G	DO01
b. WASTE PHOSPHORIC ACID LIQUID. CORROSIVE MATERIAL UN1805	1 @ 5	01 01 1 D I F	1 @ 15	G	DO02
c. NON-R.C.R.A. HAZARDOUS WASTE, LIQUID.	1 @ 30	01 01 2 D I F	1 @ 30	G	NRM
d. NON-R.C.R.A. HAZARDOUS WASTE, SOLID	1 @ 30	01 01 1 D I F	1 @ 30	G	NRM
J. Additional Descriptions for Materials Listed Above 11a) SEE ATTACHED PROFILE #2, 3, ASER/HO/9003113-DEO 11b) SEE ATTACHED PROFILE #4 (5 gal) ASER/HO/9003114-IP 11c) SEE ATTACHED PROFILE #5A (30 gal) 5b (5 gal) ASER/HO/9003114-IP 11d) SEE ATTACHED PROFILE #6 (30 gal) ASER/HO/9003114-IP		K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR					
IF UNABLE TO DELIVER, RETURN TO GENERATOR					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway AND RAIL according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name B Singh		Signature B Singh		Month Day Year 6/1/99	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Clinton M Harris		Signature Clinton M Harris		Month Day Year 10/6/1999	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name TR Hamilton		Signature TR Hamilton		Month Day Year 10/6/1999	
19. Discrepancy Indication Space		DERO51715			
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name		Signature		Month Day Year	

EPA Form 1000-22 (Rev. 9/93) WHITE - DEO, GREEN - Generator, YELLOW - TSDRF, BLUE - Transporter, 2. PINK - Transporter 1, GOLD - Generator, DEO FORM HW-3 (R 9/93)

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US V. MSP
PRODUCED BY MSP 9/93
RELEASED BY
REQUEST
WATSON, JAMES
FBI - LOS ANGELES
FBI - BATON ROUGE

MSD054

1797

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Customer Name: HOLLYWOOD PARK OPERATING COMPANY Customer EPA ID Number: CA 952346243

Customer Address: 1050 SOUTH PAIRIE AVENUE MCDS Document Number: ASER/HFO/9002705
INGLEWOOD, CA 90306 ASER/HFO/9002706
ASER/HFO/9002707
ASER/HFO/9002708

Under manifest number(s): 01370 919472, we are shipping to you, for use in the MSP recycling process, recyclable materials stream(s) classified as EPA Hazardous Waste Number(s): DO01/DO02

A. The EPA land disposal restriction regulations (40 CFR 268)

APPLY to these materials, under the following category or categories:

- ☐ Solvent/dioxin (See Attach. 1)
☐ California list, specifically (See Attach. 2): _____
☐ "First Third" list (See Attach. 3)
☐ "Second Third" list (See Attach. 4)

☒ DO NOT apply to this stream. (Skip following questions. Sign on bottom of page.)

B. The stream cannot be landfilled because (check one):

- ☐ 1. Incineration or recycling is the required technology to be used (See 40 CFR 268.42.), or
☐ 2. PCB's (ARE NOT acceptable and NOT approved for shipment to MSP), or
☐ 3. After November 8, 1989—wastes, except wastewaters, containing Halogenated Organic Compounds in total concentration of 1000 mg/kg or 1000 mg/l, or more), or
☐ 4. The stream is an F001-F005 solvent, or a "First Third" or "Second Third" waste containing organic or other non-metals (Attach. 3 and 4, Item 1). The following constituents identified in Table CCW or Table CCWE (See Attach. 5) of 40 CFR 268, must be treated to at least the level specified below (use reverse side for additional constituents):

Constituent	Treatment Standard	Per Table	
		CCW	CCWE
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

- ☐ 5. The stream is a liquid that is primarily water and contains HOC's in total concentration greater than or equal to 1,000 mg/l and less than 10,000 mg/l HOC's, or
☐ 6. The stream is a "Soft Hammer" material containing organics or other non-metals (Attach. 3, Item 5).

I hereby certify that the information provided on this form is complete and accurate to the best of my knowledge and ability to determine.

Authorized Representative Signature: [Signature]

Print or Type Name: JOHN ZIMMER

Title: Corp VP.

Date: _____

MPS Form 2684 (Rev.10/88)

SEE REVERSE DEQ051716

US V. MAP
PRODUCED BY MAP 9/93
REQUEST
WATER-PLUG FILMS WITH REQUEST
MDS Job Book with code 1105

MSD054

1198

BOX 1 REQUEST 6
Walter J. Hagedorn, Woodmont
Roads, 100 York Circle, Morris

MSD054

1111

ITEM #	'S' or 'L'	CONTAINER	QTY/SIZE	UN/DA NO.	EPA CODE
1 GALVA WASH W/PHOSPHORIC ACID	L	PLASTIC	1X16AL	1805	D203
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
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DEQ051717

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ATTACHMENT FOR *HOLLYWOOD MARK*
 D.O.T. 21C 30 DR GALLON
 SHIPPING NAME: *NON-ACRA HAZARDOUS WASTE LIQUID*
 INVENTORY LIST #: *5A*

ITEM #	'S' or 'L'	CONTAINER	QTY/SIZE	UN/NA NO.	EPA WASTE CODE NO.
1		<i>Poly</i>	<i>6X/6ALL</i>	<i>NON-ACRA</i>	<i>NON-ACRA</i>
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
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30					

DEQ051718

US V. MAP
 PRODUCED BY MAP 9/93
 REQUEST
 UNDER THE
 RECORDS
 ACT

MSD054

18000

U.S.V. MAP Released
PRODUCED BY MAP 9/93

BOX # REQUEST #
Washington Field Office - Washington, D.C.
INDS 106 Jack & Ruth Case, 11/88

MSD054

160

DEQ051719

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U.S. V. M.D. PRODUCE BY M.D. 9/93

DO NOT
REMOVE
THIS
LABEL
FROM
THIS
MSDS
UNTIL
YOU
ARE
TOLD
TO
DO
SO
BY
THE
FEDERAL
GOVERNMENT

MSD054

1802

Section V -- Reactivity Data			STREETEX
Stability	Unstable		Conditions to Avoid
	Stable	X	None.
Incompatibility (Materials to Avoid)		Strong oxidizing agents, strong acids, strong alkalis.	
Hazardous Decomposition or Byproducts		Carbon dioxide, carbon monoxide, oxides of sulfur.	
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None.
Section VI -- Health Hazard Data			
Route(s) of Entry:		Inhalation? Primary.	Skin? Secondary.
		Ingestion? Unlikely.	
Health Hazards (Acute and Chronic)			
Inhalation: May cause headache. Skin: Prolonged or widespread exposure may result in the absorption of potentially harmful amounts. Eyes: Liquid may cause corneal damage. Ingestion: May be absorbed and produce central nervous system depression; in extreme cases, unconsciousness and death.			
Carcinogenicity:		NTP? No.	IARC Monographs? No.
		OSHA Regulated? No.	
Signs and Symptoms of Exposure			
Inhalation: Dizziness, drowsiness and nasal and respiratory irritation. Skin: Irritation. Eyes: (Liquid)-Severe irritation; (Vapor)-Irritation. Ingestion: Headache, dizziness, nausea, vomiting, diarrhea and irritation of the gastrointestinal tract. Vomit can be aspirated into lungs causing chemical pneumonia.			
Medical Conditions Generally Aggravated by Exposure Not Available.			
Emergency and First Aid Procedures *			
Inhalation: Remove to fresh air. If breathing stops, give artificial respiration. Call a physician. Skin: Remove contaminated clothing, wash with water. Eyes: Flush immediately with water for at least 15 minutes. Call a physician. Ingestion: Call a physician immediately. Do not induce vomiting unless instructed to do so by poison center or physician.			
Section VII -- Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material is Released or Spilled			
Wear protective equipment (Sec. VIII). Clean up with absorbent material and place in closed containers for disposal. Avoid discharge to natural waters. Do not flush to sewer.			
Waste Disposal Method			
Dispose of in accordance with federal, state and local regulations.			
Precautions to Be Taken in Handling and Storing			
Store in labelled, sealed containers.			
Other Precautions			
Do not wear contact lenses. Avoid breathing spray or vapor. Avoid contact with skin and eyes.			
Section VIII -- Control Measures			
Respiratory Protection Organic vapor-type respirator with mist pre-filter if TLV is exceeded. Self-contained breathing apparatus in high concentrations.			
Ventilation	Local Exhaust	Apply vacuum when using steam.	Special Not Applicable.
	Mechanical	Adequate to keep level below 25 ppm.	Other Open doors and/or windows.
Protective Gloves	PVC.	Eye Protection	Chemical goggles or face shield.
Other Protective Clothing or Equipment			
Eye wash station.			
Work/Hygienic Practices Wash thoroughly after handling. Do not eat or drink in work area.			

* After emergency actions: Call the emergency medical information number on the front of this sheet or a physician immediately.

DEQ051720

NOTICE: If the film image is less clear than this notice, it is due to the quality of the document being filmed

ATTACHMENT FOR *HOLLYWOOD PARK*
D.O.T. 21C *5* DF GALLON
SHIPPING NAME: *NON-REACT HAZARDOUS WASTE, LIQUID*
INVENTORY LIST #: *5B*

ITEM #	'S' or 'L'	CONTAINER	QTY/SIZE	UN/NA NO.	EPA WASTE CODE NO.
1		<i>Poly</i>	<i>1X16AL</i>	<i>NON-REACT</i>	<i>NON-REACT</i>
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DEQ051721

U.S. V. MAP
PRODUCED BY MAP 9/93
RECEIVED BY
DO NOT WRITE IN THESE SPACES
UNLESS YOU ARE SURE IT WILL NOT BE
REMOVED

MSD054

1803

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ATTACHMENT FOR HOLLYWOOD PARK
 D.O.T. 21C 30 DF GALLON
 SHIPPING NAME: NON-RCRA. HAZARDOUS WASTE, SOLID.
 INVENTORY LIST #: 6

ITEM #	'S' or 'L'	CONTAINER	QTY/SIZE	UN/NA NO.	EPA WASTE CODE NO.
1		SULFAN HYLBIDE	S FIBER	1X6 LBS	NON-RCRA
2					
3		CRYZALIN (40.9%)	10%		
4		INERT (59.6%)	SEE MSDS		
5					
6		Zandite absorbent	60%		
7					
8		HERBICIDE IS MIXED WITH ABSORBENT			
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U.S. MAP
 PRODUCED BY MAP 9/93
 REQUEST #
 UNCLASSIFIED
 MSDS Job Task Control Code, MSDS

MSD054

1804

US V. MSP Releasable
PRODUCED BY MSP 9/93
BOX REQUEST
Wanted: Please advise what is the best
method for Jack Greenback, 1978

MSDOS 5.4

1805

DEQ051723

ELANCO

MATERIAL SAFETY DATA SHEET

SURFLAN® A.S.**ID5500/5949/5834;FN7153**

SURFLAN® A.S., aqueous suspension, is a preemergence surface-applied herbicide for the control of most annual grasses and certain broadleaf weeds.

I. MANUFACTURER/EMERGENCY INFORMATION

- A. **Manufacturer**
Elanco Products Company
A Division of Eli Lilly and Company
Lilly Corporate Center
Indianapolis, Indiana 46285
- B. **Emergency Telephone Numbers**
Eli Lilly and Company (317) 276-2000
CHEMTREC (800) 424-9300
- C. **General Information Telephone Number**
Elanco Products Company (317) 276-3000
- D. **Issued:** 1/84; **Revised:** 10/85, 2/89, 6/89

II. MATERIAL IDENTIFICATION

- A. **Generic Name**
Oryzalin 40.4%
- 1. **Chemical Abstract Registry Number (CAS#):** 19044-88-3
- B. **Chemical Name of Active Ingredient:** 3,5-Dinitro-N⁴,N⁴-dipropylsulfanilamide
- C. **Other Ingredients**
Inert Ingredients 59.6%

There are no hazardous or carcinogenic inert ingredients.

III. PHYSICAL AND CHEMICAL PROPERTIES

- A. **Chemical Name of Active Ingredient:** 3,5-Dinitro-N⁴,N⁴-dipropylsulfanilamide
- B. **Normal Physical State, Odor, Appearance:** Bright orange opaque liquid with a slight aromatic odor.
- C. **Boiling Point (at 1 atmosphere):** 212°F (100°C)
- D. **Vapor Pressure:** Approximately 23 mm Hg at 25°C.
- E. **Specific Gravity:** 1.138 to 1.239 at 25°C.
- F. **pH (aqueous 50/50):** 5.0 to 6.8.
- G. **Solubility in Water:** Miscible in water.
- H. **Vapor Density:** 1.178 relative to air at 25°C.
- I. **Evaporation Rate:** Not available.

IV. FIRE AND EXPLOSION HAZARD DATA

- A. **Auto-Ignition Temperature:** Water based product.
- B. **Flashpoint:** No ignition up to 200°F (93.3°C).
- C. **Explosive Limit**
 - 1. **Lower Explosive Limit (LEL):** Water based product.
 - 2. **Upper Explosive Limit (UEL):** Water based product.
- D. **Unusual Fire and Explosion Hazards:** None known.

: DEQ051724

NOTICE: If the film image is less clear than this notice, it is due to the quality of the document being filmed

US V. MAP
PRODUCED BY MAP 9/93
REQUEST
18006
MSD054
18006

MSD054**18006**

US V. MSP Releaseable
PRODUCED BY MSP 9/93
BOX 5 REQUEST 1
Walter J. Galt was not involved
and has been cleared.

MSDO54

1807

v.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA 704)
(4=Extreme; 3=High; 2=Moderate; 1=Slight; 0=Insignificant)

B. Flammability: 0

C. Reactivity: 0

VI.

SHIPPING REQUIREMENTS

A. DOT Hazard Class: Not regulated.

VII.

REACTIVITY DATA

REACTIVITY DATA

A. Stability and Storage: Store in original container.

B. **Hazardous Decomposition:** If product is allowed to dry, will emit toxic vapors as it burns.

C. Hazardous Polymerization: Does not occur.

D. Incompatibility: None.

VIII.

HEALTH HAZARD DATA

A. Toxicology (Animal Toxicity Data)

1. Acute Exposure (SURFLAN A.S.)

- a. Eyes - Rabbit, slight irritant.
- b. Skin - Rabbit, 2.0 ml/kg (ca 2380 mg/kg), no deaths, slight irritant.
- c. Inhalation - Rat, 2.83 mg/L for one hour, no deaths, poor grooming, and colored secretion around eyes.
- d. Ingestion - Rat, 0.5 ml/kg (ca 595 mg/kg), no deaths, leg weakness, poor grooming, and dark yellow urine.
- e. Sensitization - Guinea pig, positive contact sensitizer.

2. Chronic Exposure (oryzalin technical)

The following effects were reported in chronic, teratogenic, and reproductive toxicity studies in laboratory animals where experimental dosage levels and durations of exposure were far in excess of those likely to occur in humans.

- a. **Chronic Toxicity** - Growth retardation; decreased survival; decreased blood sugar levels; decreased red blood cell counts; decreased hemoglobin; increased cholesterol, blood urea nitrogen, bilirubin, and alkaline phosphatase; increased liver, kidney, spleen, and testes weights; increased thyroid tumors probably secondary to the antithyroid activity of oryzalin; increased incidence of benign skin and mammary gland tumors.
- b. **Teratology & Reproduction** - Not teratogenic. No impairment of reproductive capacity.
- c. **Mutagenicity** - Not mutagenic in bacterial cells; insignificant potential for mutagenicity in mammalian cells.
- d. **Carcinogenicity** - Not listed as a carcinogen or potential carcinogen by IARC, NCI/NTP, OSHA, or ACGIH. Not considered to be carcinogenic in lifetime feeding studies conducted by Lilly. EPA - Class C - possible human carcinogen (limited evidence from animal studies).

B. Effects of Exposure

Effects of Exposure
While there is a laboratory animal study that indicates oryzalin may be oncogenic at exaggerated levels of exposure, Elanco Products Company and regulatory agencies have concluded that the products containing oryzalin do not present a hazard when recommended handling procedures are followed.*

DEQ051725

UNCLAS
Produced Pursuant to E.O. 13526

US V. MSP Released
PRODUCED BY: MSP 9/03

MSDO54

1001

- C. **Exposure Guidelines**
1. Permissible Exposure Limit (PEL): Not established.
 2. Threshold Limit Value (TLV): Not established.
- D. **Primary Routes of Entry**: Skin and inhalation.

- A. **Eyes**
Immediately flush eyes with plenty of water. Call a physician if irritation develops.
- B. **Skin**
Wash all exposed areas with plenty of soap and water. Wash all contaminated clothing before reuse. Call a physician if irritation develops.
- C. **Inhalation**
Remove individual to fresh air. If breathing difficulty occurs, provide cardiopulmonary resuscitation assistance and get medical attention.
- D. **Ingestion**
Do not induce vomiting. Call a physician or Poison Control Center. If available, administer activated charcoal (6-8 heaping teaspoonfuls) with a large quantity of water. Do not give anything by mouth to an unconscious person. Immediately transport to a medical care facility and see a physician.

A. Spill Handling Information

In case of leak or spill, use absorbent materials to contain liquids and dispose as waste. Do not contaminate any body of water. Small spills should be cleaned up with a suitable absorbent material. Place material and damaged unusable containers in a landfill approved for pesticides in accordance with applicable regulations.

Large spills due to traffic accidents, etc. should be reported immediately to CHEMTREC and Elanco Products Company for assistance. Prevent spilled material from flowing onto adjacent land or into streams, ponds or lakes.

B. Container Disposal

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Page 3

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Hollywood Park Operating Co.

APPROVAL CODE NO. ASER/HPD-9003113-DFD

CATAGORY IV	# OF DRUMS
A	
B	
C	
D	2 @ 15
E	

DOCK SUPERVISOR: Ray Durdick

DEQ051727

US V. MAP
PRODUCED BY MSP 9/93
REQUEST 11/11/93
DO NOT WRITE IN THESE SPACES

MSD054

18009

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Hollywood Park Operating Co.

APPROVAL CODE NO. ASER/HPO-9003114LP

CATAGORY IV	# OF DRUMS
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D	2@05 2@30
E	

DOCK SUPERVISOR Ray D. D. D.

U.S. V. M.D. REQUESTED BY: M.D. 9/93
Produced by: M.D. 9/93
Working: Please refer to the request
M.D. 9/93

MSD054

DEQ051728

18 10



9003114

For MSP Use Only

Approval Code

Only
eASER/HPO/9003114-LP

A. Generator Information

General: Hollywood Park Operating Co.
 Site Address: 1050 South Pairie Avenue
 City Inglewood State CA Zip Code 90306
 Company Contact BALLAUN SINGH
 Title CHAIRMAN
 Telephone No (213) 419-1618
 Facility E&I ID No CAD-981684483 98234243

B. Customer Information

Company Name A&S Environmental Recovery, Inc.
Contact Rosemary Domino
Address 2008 Mateo Place
Los Angeles, CA 90021
Telephone No. 213 623-9443
For Customer Use _____

#4, 5, 56, 6

C. Regulatory Information

☒ RCRA Regulated Land Ban ☐ Non-Regulated EPA Waste Code(s): D003

D. Chemical Composition

(NO TRADE NAMES - Names must not exceed 20% total in maximum column must be greater than or equal to 100%.)

SEE ATTACHMENT

SEE LAB BOOK

Common Name of Waste: CAR PACK

E. General Characteristics

Color	VARIOUS		
Odor	None	Mild	Strong
Gr. =	Sludge	Solid	Powder
Phases	Single Layer	Double Layer	Multi-Layer

F. Specific Characteristics

In the wave					
Radioactive?	Y	N	Polymerizable?	Y	N
Infectious?	Y	N	Pyrophoric?	Y	N
Water Reactive?	Y	N	Explosive?	Y	N

G. Physical/Chemical Properties

Ash (first actual Wt %)	Water (Wt %)	Specific Gravity
	<1 : 5-10	<0.8 : 12-14
BTU's per lb	1-5 : >10	0.910 : 1.417
(first actual value)		1.012 : >17

SEE ATTACHMENT

Flash Point (closed cup) Sulfur (Wt %)

< 100 F > 200 F : < 5

100 - 140 F _____ F If > 5 % actual value

140 - 200 F actual

Metals: EP Toxicity Test (MAG/U)

Arsenic, As ³⁺	0
Boron, B ³⁺	0
Cadmium, Cd ²⁺	0
Chromium, Cr ³⁺	0
Cobalt, Co ²⁺	0
Copper, Cu ²⁺	0

Selenium (Se)	0
Silver (Ag)	0
Copper (Cu)	0
Nickel (Ni)	0
Zinc (Zn)	0

Viscosity (for bulk liquids only)	Suspended Solids (or 4 for bulk liquids only)	pH
100	10-20	2-6 = 6-10
1000	20-70	10-12.5
10000	> 70	< 2 or > 12.5

Halogens (Wt %)	<1	1-5	5-10	> 10 Est actual Wt %
Iodine	..	..	..	_____
Bromine	..	..	..	_____
Chlorine	..	..	..	_____
Fluorine	..	..	..	_____

DERO51729

Organics (ppm)

Endrin none suspected If material contains the following
Indane none suspected compounds indicate actual ppm
Methoxychlor none suspected none suspected
Diazophene none suspected Cyanides none suspected
Cyanide none suspected Sulfur none suspected
Sulfur none suspected none suspected

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BOX # 7 REQUEST #
Walter Henderson
mcds job pack enclosure, mcds

MSD054

1811

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ATTACHMENT FOR HOLLYWOOD PARK RACE TRACK
D.O.T. 212 5 X GALLON
SHIPPING NAME: WASTE PHOSPHORIC ACID LIQUID
INVENTORY LIST #: ✓ CORROSIVE MATERIAL
UN 1805

ITEM #	'S' or 'L'	CONTAINER	QTY/SIZE	UN/NA NO.	EPA HAS CODE 1
1		GALVA WASH W/PHOSPHORIC ACID	1X1 GAL	1805	DO02
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3					
4					
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DEQ051730

US V. MAP
PRODUCED BY MAP 9/93
RELEASED
Box 1
Request
Notice: This release is not a release
under the Freedom of Information Act, 5 U.S.C. 552

MSD054

1812

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ATTACHMENT FOR *HOLLYWOOD*
 D.O.T. 21C 30 DF GALLON
 SHIPPING NAME: *NON-FLAMMABLE HAZARDOUS WASTE LIQUID*
 INVENTORY LIST #: *51A*

ITEM #	'S' or 'L'	CONTAINER	QTY/SIZE	UN/NA NO.	EPA WASTE CODE NO.
1		<i>Poly</i>	<i>6X/6AL</i>	<i>NON-FLAM</i>	<i>NON-RC</i>
2					
3		<i>NEUTRAL LUBRICANT AND PENETRANT</i>			
4		<i>SEE MSDS</i>			
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DEQ051731

US V. MSP
 PRODUCED BY MSP 9/93
 REQUESTED BY
 WORKING FOR THE
 MSB Lab Book Collection

MSD054

1813

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MATERIAL SAFETY DATA SHEET
May be used to comply with OSHA's
Hazard Communication Standard

Essentially equivalent
to OSHA 174 form

IDENTITY (As Used on Label and List)
STREETEX

Section I

Manufacturer's Name R. R. Street & Co., Inc.	Emergency Telephone Number 1-800-228-5635
Address (Number, Street, City, State, and Zip Code) 625 Enterprise Drive Oak Brook, Illinois 60521-1917	Telephone Number for Information 1-708-571-4242 Date Prepared September, 1989

Section II -- Hazardous Ingredients/Identity Information

Hazardous Components	OSHA PEL	OSHA STEL	ACGIH TLV	ACGIH STEL	CAS #	X
Trade Secret	C 25 ppm	Not Appl.	C 25 ppm	Not Appl.	Trade Secret	---
Trade Secret	Not Estb.	Not Appl.	Not Estb.	Not Appl.	Trade Secret	---
Trade Secret	Not Estb.	Not Appl.	Not Estb.	Not Appl.	Trade Secret	---

Contains no chemical listed in the table at 40 CFR 372.65 (SARA, Title III, Sec. 313).

Section III -- Physical/Chemical Characteristics

Bolling Point of	210	Specific Gravity (H ₂ O = 1)	1.02
Vapor Pressure (mm Hg) @ 20°C, Estimated.	17	Melting Point Not Applicable.	----
Vapor Density (AIR = 1) Solvents, Average.	2.3	Evaporation Rate (Butyl Acetate = 1) Estimated, Initial.	0.3
Solubility in Water Completely soluble.		pH	7
Appearance and Odor Slightly yellow; odorless.			

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used) None (COC).	Flammable Limits Not Applicable.	LEL ----	UEL ----
Extinguishing Media Not Applicable.			
Special Fire Fighting Procedures Not Applicable.			
Unusual Fire and Explosion Hazards None.			
Reproduce locally			

DEQ051732

U.S. MSP
PRODUCED BY MSP 9/83
REQUEST 4-11-89
Subject: STREETEX
MSP Lab Book 1732-1733, 1735

MSD054

1814

ELANCO

MATERIAL SAFETY DATA SHEET

SURFLAN® A.S.**ID5500/5949/5834;FN7153**

SURFLAN® A.S., aqueous suspension, is a preemergence surface-applied herbicide for the control of most annual grasses and certain broadleaf weeds.

I. MANUFACTURER/EMERGENCY INFORMATION

- A. **Manufacturer**
Elanco Products Company
A Division of Eli Lilly and Company
Lilly Corporate Center
Indianapolis, Indiana 46285
- B. **Emergency Telephone Numbers**
Eli Lilly and Company (317) 276-2000
CHEMTREC (800) 424-9300
- C. **General Information Telephone Number**
Elanco Products Company (317) 276-3000
- D. **Issued:** 1/84; **Revised:** 10/85, 2/89, 6/89

II. MATERIAL IDENTIFICATION

- A. **Generic Name**
Oryzalin 40.4%
- 1. **Chemical Abstract Registry Number (CAS#):** 19044-88-3
- B. **Chemical Name of Active Ingredient:** 3,5-Dinitro-N⁴,N⁴-dipropylsulfanilamide
- C. **Other Ingredients**
Inert Ingredients 59.6%

There are no hazardous or carcinogenic inert ingredients.

III. PHYSICAL AND CHEMICAL PROPERTIES

- A. **Chemical Name of Active Ingredient:** 3,5-Dinitro-N⁴,N⁴-dipropylsulfanilamide
- B. **Normal Physical State, Odor, Appearance:** Bright orange opaque liquid with a slight aromatic odor.
- C. **Boiling Point (at 1 atmosphere):** 212°F (100°C)
- D. **Vapor Pressure:** Approximately 23 mm Hg at 25°C.
- E. **Specific Gravity:** 1.138 to 1.239 at 25°C.
- F. **pH (aqueous 50/50):** 5.0 to 6.8.
- G. **Solubility in Water:** Miscible in water.
- H. **Vapor Density:** 1.178 relative to air at 25°C.
- I. **Evaporation Rate:** Not available.

IV. FIRE AND EXPLOSION HAZARD DATA

- A. **Auto-Ignition Temperature:** Water based product.
- B. **Flashpoint:** No ignition up to 200°F (93.3°C).
- C. **Explosive Limit**
 - 1. **Lower Explosive Limit (LEL):** Water based product.
 - 2. **Upper Explosive Limit (UEL):** Water based product.
- D. **Unusual Fire and Explosion Hazards:** None known.

DEQ051733

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US V. MAP
PRODUCED BY MAP 9/93
REQUEST
WATER-FLUORESCENCE WITH A 365nm
MDS Lab Book 10/11/84, 11/84

MSD054**1815**

MSD054

18 16

- E. Fire Fighting Information**
SURFLAN A.S. is a water based suspension and will not burn.
- V. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA 704)**
(4=Extreme; 3=High; 2=Moderate; 1=Slight; 0=Insignificant)
- A. Health: 2**
B. Flammability: 0
C. Reactivity: 0
- VI. SHIPPING REQUIREMENTS**
A. DOT Hazard Class: Not regulated.
- VII. REACTIVITY DATA**
A. Stability and Storage: Store in original container.
B. Hazardous Decomposition: If product is allowed to dry, will emit toxic vapors as it burns.
C. Hazardous Polymerization: Does not occur.
D. Incompatibility: None.
- VIII. HEALTH HAZARD DATA**
A. Toxicology (Animal Toxicity Data)
1. Acute Exposure (SURFLAN A.S.)
a. Eyes - Rabbit, slight irritant.
b. Skin - Rabbit, 2.0 ml/kg (ca 2380 mg/kg), no deaths, slight irritant.
c. Inhalation - Rat, 2.83 mg/L for one hour, no deaths, poor grooming, and colored secretion around eyes.
d. Ingestion - Rat, 0.5 ml/kg (ca 595 mg/kg), no deaths, leg weakness, poor grooming, and dark yellow urine.
e. Sensitization - Guinea pig, positive contact sensitizer.
2. Chronic Exposure (oryzalin technical)
The following effects were reported in chronic, teratogenic, and reproductive toxicity studies in laboratory animals where experimental dosage levels and durations of exposure were far in excess of those likely to occur in humans.
a. Chronic Toxicity - Growth retardation; decreased survival; decreased blood sugar levels; decreased red blood cell counts; decreased hemoglobin; increased cholesterol, blood urea nitrogen, bilirubin, and alkaline phosphatase; increased liver, kidney, spleen, and testes weights; increased thyroid tumors probably secondary to the antithyroid activity of oryzalin; increased incidence of benign skin and mammary gland tumors.
b. Teratology & Reproduction - Not teratogenic. No impairment of reproductive capacity.
c. Mutagenicity - Not mutagenic in bacterial cells; insignificant potential for mutagenicity in mammalian cells.
d. Carcinogenicity - Not listed as a carcinogen or potential carcinogen by IARC, NCI/NTP, OSHA, or ACGIH. Not considered to be carcinogenic in lifetime feeding studies conducted by Lilly. EPA - Class C - possible human carcinogen (limited evidence from animal studies).
- B. Effects of Exposure**
While there is a laboratory animal study that indicates oryzalin may be oncogenic at exaggerated levels of exposure, Elanco Products Company and regulatory agencies have concluded that the products containing oryzalin do not present a hazard when recommended handling procedures are followed.*

DEQ051734

[illegible]

MSDOS 5.0

A black and white photograph of a building facade. The focus is on a large, multi-paned window. The building appears to be made of brick or stone. The lighting is dramatic, with strong highlights and deep shadows. The image is oriented vertically, matching the text layout.

US V. MAP Releasable
PRODUCED BY MAP 9/93

BOX 1 REQUEST
Warrant for arrest of
MILKING JACK WILSON, JR.

MSD054

Cautions

1. **Human:** Keep out of reach of children. Harmful if swallowed. Inhaled, or absorbed through the skin. Avoid spray mist and contact with skin or eyes. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation develops. SURFLAN A.S. may cause skin sensitization reactions in certain individuals. Use eye protection and protective clothing such as coveralls, a long sleeved shirt and impermeable gloves when handling this product.
2. **Environmental:** Do not apply directly to water or wetland. Do not contaminate water by cleaning of equipment or disposal of wastes. Cover or incorporate spills.

(See Section VII, Paragraph A)

Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

PROTECTIVE EQUIPMENT REQUIREMENTS
During manufacturing, wear goggles to protect eyes, wear impermeable gloves and protective equipment to avoid direct contact with skin. In enclosed spaces, wear NIOSH⁽¹⁾ approved respirator for organic solvent vapors.

A. EPA Registration Numbers: 1471-112 (ID5500); 1471-113 (ID5949);
1471-154 (ID5834)

Sud. Rel.

Fire	Of Press.	Reactive	Acute	Chronic
			X	

(1) NIOSH Certified Equipment Guide

*For user handling procedures refer to product label; for manufacturing handling procedures refer to NACA Guidelines for the Good Workplace Standard for the Manufacturing and Formulation of Pesticides.

E. NOTE: This information applies only to SURFLAN A.S. which is sold in the U.S.

All information contained herein is offered in good faith and with the belief that it is accurate. As of the date of issuance or revision, we are providing all information that we have or are aware of relevant to the foreseeable use or handling of the material. However, in the event of an adverse incident associated with this material, this Material Safety Data Sheet is not, and is not intended to be, a substitute for consultation with appropriately trained personnel.

DEQ051736



ENVIRONMENTAL
RECOVERY, INC.

CERTIFICATION LETTER

I am an authorized employee of A & S Environmental Recovery, Inc.
I hereby certify that the Lab Packs represented by this Materials
Characterization Data sheet and lab packing lists are prepared and
shipped in full compliance with the Marine Shale Processors, Inc.
Lab Pack Guidelines.

DATED: June 5, 1990
SIGNED: [Signature]

OUR REFERENCE _____

YOUR REFERENCE _____

Hollywood Park Operating Co.
1050 South Prairie Avenue
Inglewood, Ca. 90306
CA# 989349243

DEQ051737

2008 Mateo Place • Los Angeles, California 90021 • (213) 623-9443 • FAX: (213) 488-9854

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is less clear than this
notice, it is due to the
quality of the document
being filmed

US V. MSP
PRODUCED BY MSP 9/93
REQUEST # _____
Box # _____
Hollywood Park Operating Co.
Inglewood, Ca. 90306
CA# 989349243

MSD054

1819 L



TELECOPIER TRANSMITTAL SHEET

DATE:

TO:

PLEASE DISTRIBUTE COPIES TO:

FROM:

Number of pages (including this transmittal sheet):

1.3 Letter

Legal

We are sending from the following Sanyo 515 - Auto Receive Machine:

Amelia, La. (504) 631-3161

If possible, please check transmission after the last page. If you are not receiving clearly or if you have any problems with transmission, please call immediately at (504) 631-3161.

9:55 AM.

Time Sent

Phil

Operator

DEQ051738

MARINE SHALE PROCESSORS, INC.
ROUTE 3 • BOX 756 • MORGAN CITY, LA 70380

1-800-633-0090
TELEFAX (504) 631-2935

NOTICE: If the film image is less clear than this notice, it is due to the quality of the document being filmed

PRODUCED BY MSP 9/93

REQUEST # _____

Walter J. Ruzicka, Jr.
and
Mrs. Jack W. Ruzicka, Jr.

MSDOS 5.4

US V. MEY Releaseable
PRODUCED BY MPF 9/93
BOX 1 REQUEST 1
UNCLASSIFIED
DATE 10-26-2010 BY 60322 UCBAW/STP

1101

70-1-7/B9

ADMINISTRATIVE OFFICES: 110 JAMES DR. WEST, SUITE 120, ST. ROSE, LA 70087

DEQ051739

P.O. BOX 4430
BATON ROUGE, LOUISIANA 70804

MANIFEST NO 900629

Printed/print or type. (Form designed for use on other (11-pitch) typewriter.)

Form Approved OMB No. 2050-0008 Exp. 12-31-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's USEPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address		ECOLOTEC, INC. 636 NORTH IRVINS TREET DAYTON, OHIO 45403	01H1D101P101710101014121512101210		
4. Generator's Phone (513) 254-9990					
5. Transporter 1 Company Name		ENROSERV MIDWEST, INC.	01H1D191816191618111211		
7. Transporter 2 Company Name					
6. Designated Facility Name and Site Address		MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380	01H1D191816191618111211		
10. USEPA ID Number					
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity	14. Unit Wt/Vol
a. "RQ" HAZARDOUS WASTE SOLID N.O.S. ORN-E NA-9189 (F002, F003, F005)		No Type			
		01516 D1H		217111610	P
b.					
c.					
d.					
15. Additional Descriptions for Materials Listed Above		16. Handling Codes for Wastes Listed Above			
11A: 54 X 85, 2 X 55 GAL.		THIS MATERIAL DOES NOT EXHIBIT IGNITABILITY			
IF UNABLE TO DELIVER, RETURN TO GENERATOR					
15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.					
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name		Signature		Month Day Year	
STEPHEN RILLING		Stephen Rilling		10/7/23/90	
17. Transporter 1 Acknowledgment of Receipt of Materials		Signature		Month Day Year	
Printed/Typed Name		Signature		Month Day Year	
CARL WILLIAMS		Carl Williams		10/7/23/90	
18. Transporter 2 Acknowledgment of Receipt of Materials		Signature		Month Day Year	
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space				DEQ051740	
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 18.		Signature		Month Day Year	
Printed/Typed Name		Signature		Month Day Year	
DAN PRAMER		Dan Pramer		10/12/4/91	

EPA Form 354-22 (Rev. 9/91)

Original: DEQ Green-Generators 2nd, Yellow-Disposer, Pink-Transporter, Gold-Generator 1st

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US V. MAP
PRODUCED BY MAP 9/93
RELEASABLE
DO NOT WRITE IN THESE SPACES
DO NOT WRITE IN THESE SPACES

MSD054

1822

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U.S. MSP RELEASED

PRODUCED BY MSP 9/93

DO NOT WRITE IN THESE SPACES
PROPERTY OF MSP
MSP 100-100000-100000

MSD054

1823

DEQ051741

No 8462
DATE _____ TRUCK NO. 98
FROM: Enro serv Midwest
TO: MSP

68200 lb G 15:54 24 JUL 90

MSP

31140 lb G 17:46 24 JUL 90

COMMODITY: (Circle One)

AGGREGATE

SOLIDS

LIQUIDS

DRUMS

LP's

CP's

OTHER: _____

Rec'd. By _____ Weighed By _____

MSP, INC. Hwy. 90 East, Amelia, LA
ACCOUNTING

U.S. V. MESP Releasable
 PRODUCED BY MESP 9/93
 BOX 1 REQUEST
 Material placed with no other
 info. in box with no other info.

MSD054

1834

70-1-7/89

ADMINISTRATIVE OFFICES: 110 JAMES DR. WEST, SUITE 120, ST. ROSE, LA 70087

BATON ROUGE, LOUISIANA 70804

MANIFEST NO: 900034

Form Approved OMB No. 2050-0008 E.O. 12812-2

Please print or type. (Form designed for use on size (11x14) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. 01HID19181017101019121512101410		Manifest Document No. 2101410		2. Page 1 of 1		Information in the shaded areas is not required by Federal law	
3. Generator's Name and Mailing Address ECOLOTEC, INC. 636 NORTH IRWIN STREET DAYTON, OHIO 45403		4. Generator's Phone (513) 254-0000		5. Transporter 1 Company Name ENROSERV MIDWEST, INC.		6. US EPA ID Number 101HID191816191618111211		7. Transporter 2 Company Name	
8. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380		9. US EPA ID Number 101HID1918101517171016		10. US EPA ID Number		11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) "RQ" WASTE FLAMMABLE SOLID N.O.S. FLAMMABLE SOLID UN-1325 (D001, F003, F005)		12. Containers No. Type 0 5 5 D M	
13. Total Quantity 2 17 7 7 15		14. Unit P		15. Waste No. D001 F003 F005		16. Handling Codes for Wastes Listed Above		17. Additional Descriptions for Materials Listed Above RECYCLE/REUSE	
18. Special Handling Instructions and Additional Information 11A: 55 X 85 GAL.		19. Generator's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 18. Dan Cramer		21. Facility Name DEQ051743		22. Date 10/7/23/94	
23. Transporter 1 Acknowledgment of Receipt of Materials Wayne Griffen		24. Transporter 2 Acknowledgment of Receipt of Materials		25. Discrepancy Indication Space		26. Date 10/7/23/94		27. Date 10/7/23/94	

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US V. M.D. RELEASED
PRODUCED BY M.D. 9/03
REQUESTED BY
M.D. 10/23/94
M.D. 10/23/94

MSD054

1825

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U.S. V. MSP. RELEASED BY MSP 9/93

Box 9
Request
Wanted: Please check with the
recs. lab. for this case, 11/11/88

MSD054

1826

DEQ051744

No 8470	
DATE	TRUCK NO. 90
FROM: Endro serv Midwest	
TO: MSP	
68680 lb G	19:16 24 JUL 90
MSP	
32646 lb G	21:14 24 JUL 90
COMMODITY: (Circle One)	
AGGREGATE	SOLIDS LIQUIDS
DRUMS LP's CP's	OTHER:
Rec'd. By	Welghed By
MSP, INC. Hwy. 90 East, Amelia, LA	
ACCOUNTING	

US V. MSP Releaseable
PRODUCED BY MSP 9/93

BOX # _____ REQUEST # _____
Walter Lee aka Robert Wright
aka Jack White aka, etc.

MSDO54

1827

70-1-789

ADMINISTRATIVE OFFICES: 110 JAMES DR WEST SUITE 120 ST. ROSE LA 70067

P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

MANIFEST No. 905213

Form Approved OMB No. 2050-0036 Exp. 6-30-97

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. TND0987766292

2. Generator's Name and Mailing Address
Tricil Environmental Management, Inc.
3536 Fite Road - Millington, TN 38053

3. Generator's Phone (901) 358-5695 Kevin Whaley

4. Transporter 1 Company Name
Tricil Environmental Management

5. Transporter 2 Company Name
None

6. Designated Facility Name and Site Address
MARINE SHALE PROCESSORS, INC.
HIGHWAY 90 EAST
MORGAN CITY, LOUISIANA 70380

7. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)
a. Waste, Flammable Liquid, n.o.s., (Contains: Acetone, Xylene), UN1993

8. Containers
No. 130 Type D M

9. Total Quantity
117110

10. Unit
G

11. Hazardous Waste, Solid, n.o.s., ORM-L, K0189

12. Containers
No. 10 Type D M

13. Total Quantity
100

14. Unit
C

15. Special Handling Instructions for Addition to Information in Case of Spill, eliminate sources of ignition, dam up to prevent run-off and repackage contaminated material in DOT approved containers. NO SMOKING!!

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are truly and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Bruce Eftink Signature Bruce Eftink Month Day Year 07/21/97

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name ROGER GEORGE Signature Roger George Month Day Year 07/23/97

19. Discrepancy Indication Space
11B) no containers were found under approval code E1Wm
8809424

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name Dan Tramer Signature Dan Tramer Month Day Year 10/12/97

DEQ051746

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US V. MSP
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Releasable
DO NOT WRITE IN THESE SPACES

MSD054

1828

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PRODUCED BY: MBP 9/93

Releasable

BOX # 1 REQUEST # 1
Walter J. Hall, Jr. Walter J. Hall, Jr.
M.D. Lab Jack Smith, M.D.

MSD054

1000

DEQ051747

BOX 1 REQUEST
WATERING HANDS WASHING
MDS LAB GASK CIRCULAR MDS

U.S. V. (MSP) Reasonable

MSD054

[illegible]

70-1-7/89

ADMINISTRATIVE OFFICES: 110 JAMES DR. WEST, SUITE 120, ST. ROSE, LA 70087

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US V. MSP RELEASED
PRODUCED BY MSP 9/93

Box 5-1
Request for Release
Hazardous Waste Manifest
Records Lab Work with Case, 10/1/93

MSD054

1831

BATON ROUGE, LOUISIANA 70804

Form Approved OMB No. 2050-0036 Expires 12-31-93

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. LA D 0 7 9 4 6 4 0 9 5

2. State of Louisiana

3. Generator's Name and Address
GSA RECOVERY SYSTEMS INC.
HWY 1112
CROWLEY LA 70526

4. Generator's Phone (318) 783-2624

5. Transporter 1 Company Name
GSX RECOVERY SYSTEMS INC.

6. Transporter 1 US EPA ID Number
LA P 0 7 9 4 6 4 0 9 5

7. Transporter 2 Company Name

8. Transporter 2 US EPA ID Number

9. Designated Facility Name and Site Address
MARINE SHALE PROCESSORS, INC.
HIGHWAY 90 EAST
MORGAN CITY, LOUISIANA 70380

10. Facility's US EPA ID Number
LA D 9 1 8 1 0 1 5 7 1 0 1 6

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

a. Waste	b. Waste	c. Waste	d. Waste	e. Waste	f. Waste	g. Waste	h. Waste	i. Waste	j. Waste	k. Waste	l. Waste	m. Waste	n. Waste	o. Waste	p. Waste	q. Waste	r. Waste	s. Waste	t. Waste	u. Waste	v. Waste	w. Waste	x. Waste	y. Waste	z. Waste
Flammable Liquid, N.O.S. (D001, F001, F002, F003, F005) (HEXANE, NEK)																									
0,0,1																									
T,T																									
5,4,0,0																									
G																									
D001, F001																									
F002, F005																									
R																									
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R																									
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12. Containers

13. Total Quantity

14. Unit

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

17. Transporter 1 Acknowledgment of Receipt of Materials

18. Transporter 2 Acknowledgment of Receipt of Materials

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

DEQ051749

WHITE - DEQ. GREEN - Generator. YELLOW - TSD. BLUE - Transporter 2. PINK - Transporter 1. GOLD - Generator.

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US V. MSP
PRODUCED BY MSP 9/93
REQUEST
MSP, INC. Hwy. 90 East, Amelia, LA
ACCOUNTING

MSD054

18721

DEQ051750

No 8463
DATE _____ TRUCK NO. 168
FROM: G SX Crowley, La.
TO: MSP
62640 15 G 15:39 24 JUL 90
MSP
36500 15 G 17:51 24 JUL 90
COMMODITY: (Circle One)
AGGREGATE SOLIDS LIQUIDS
DRUMS LP's CP's OTHER:
Rec'd. By _____ Weighed By _____
MSP, INC. Hwy. 90 East, Amelia, LA
ACCOUNTING

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D.O.T. 21C 5 DF GALLON
SHIPPING NAME: Non/ RCRA HAZARDOUS WASTE Liquid
INVENTORY LIST #: 1

ITEM #	'S' or 'L'	CONTAINER	QTY/SIZE	UN/NA NO.	EPA WASTE CODE NO.
1 PHENOL RED	L	PLASTIC	1/1 GAL	NON REG.	NON REG.
2					
3					
4					
5					
6					
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DEQ051752

OS V. MSP
PRODUCED BY MSP 9/93
REQUEST
WASTECORP
MSD054

MSD054

1834

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US V. MSP

PRODUCED BY MSP 8/93

RELEASABLE

DO NOT WRITE IN THESE SPACES
UNLESS INK IS USED
AND INK IS USED IN THESE SPACES

MSD054

1835

DEQ051753

D.O.T. 21C 5 DF GALLON
SHIPPING NAME: WASTE Formaldehyde solution Liquid, UN1198
INVENTORY LIST 0:2 ORM-A.

ITEM #	'S' or 'L'	CONTAINER	QTY/SIZE	UN/NA NO.	EPA WASTE CODE NO.
1		Plastic	1 x 1 GAL	1198	U122
2					
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RELEASABLE
DO NOT
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MSP
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FOR
MSP

MSD054

1836

RECEIVED FOR DELIVERY ON 11-1-78
D.O.T. 21C 5 DF GALLON

SHIPPING NAME: WASTE CORROSIVE LIQUID, N.O.S. UN 1760
INVENTORY LIST #: 3

ITEM #	'S' or 'L'	CONTAINER	QTY/SIZE	UN/NA NO.	EPA WASTE CODE NO.
1					
1	L	GLASS	6/2oz.	UN1832	0002
2	L	GLASS	1/2oz.	UN1789	0002
3		GLASS	14/2oz	UN1789	0002
4					
4					
5					
6					
7					
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DEQ051754

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US V. MAP
PRODUCED BY MSP 9/93
RECEIVED
DOJ
NOTICE: This copy is not to be used for any other purpose than the one for which it was produced.

MSD054

1837

D.O.T. 21C DF GALLON 5
SHIPPING NAME: WASTE SILVER NITRATE LIQUID; UN 1493
INVENTORY LIST # 7 OXIDIZER

ITEM #	'S' or 'L'	CONTAINER	QTY/SIZE	UN/NA NO.	EPA WASTE CODE NO.
1 SILVER NITRATE	L	PLASTIC	9x20Z	1493	0001
2					
3					
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DEQ051755

US V. MFP Releasable
PRODUCED BY MFP 9/93

BOX 1 REQUEST 9-11-93
Winston-Salem, NC 27101
1000 1000 1000 1000 1000

MSD054

1111

D.O.T. 21C

5 DF GALLON

D.O.T. 21C 5 DF GALLON
SHIPPING NAME: WASTE OXIDIZING MATERIAL, LIQUID, N.O.S. UN 1979
INVENTORY LIST #: F (LITHIUM NITRATE)

INVENTORY LIST #:

ITEM #	'S' or 'L'	CONTAINER	QTY/SIZE	UN/NA NO.	EPA WASTE CODE NO.
1 LITHIUM NITRATE	L	GLASS	1/16 oz	UN1479	0001
2 LITHIUM NITRATE	L	GLASS	4/4 oz	UN1479	0001
3 BOTTLES LAST CONTAINING		GLASS	2/4 oz		
4 LITHIUM NITRATE					
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DEQ051756

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D.O.T. 21C 15 DF GALLON
 SHIPPING NAME: WASTE STRONTIUM NITRATE, LIQUID UN 1507
 INVENTORY LIST #: 6 OXIDIZER

ITEM #	'S' or 'L'	CONTAINER	QTY/SIZE	UN/NA NO.	EPA WASTE CODE NO.
1	L	GLASS	2/1 PT.	1507	D001
2	L	GLASS	1/6 oz.	1507	D001
3	L	GLASS	13/4 oz.	1507	D001
4					
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DEQ051757

U.S. V. M.D. PRODUCED BY M.D.P. 9/93
 REQUEST 4/1/97
 WASHINGTON FIELD OFFICE
 1005 1st St. SW
 WASH. DC 20535

MSD054

1839

US V. MAP Releasable
PRODUCED BY MAP 9/93
BOX 1 REQUEST
Walter P. Anderson
1212 1/2 1st St. NW, Atlanta, GA 30309

MSD054

1840

ITEM #	'S' or 'L'	CONTAINER	QTY/SIZE	UN/NA NO.	EPA WASTE CODE NO.
1 PHENOLPHTHALEIN	L	GLASS	1/8oz	NON REG	NON REG
2 PHENOLPHTHALEIN	L	PLASTIC	4/3oz	NON REG	NON REG
3 BOTTLES LAST CONTAINING		GLASS	2/8oz.		
4 PHENOLPHTHALEIN					
5					
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DEQ051758



ENVIRONMENTAL
RECOVERY, INC.

CERTIFICATION LETTER

I am an authorized employee of A & S Environmental Recovery, Inc.
I hereby certify that the Lab Packs represented by this Materials
Characterization Data sheet and lab packing lists are prepared and
shipped in full compliance with the Marine Shale Processors, Inc.
Lab Pack Guidelines.

DATED:

6/5/90

SIGNED:

R. M. M. J. Domino

OUR REFERENCE

YOUR REFERENCE

Bethune Junior High School
155 W. 6th Street
Los Angeles, CA. 90003
CAD 982039489

DEQ051759

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is less clear than this
notice, it is due to the
quality of the document
being filmed

U.S. V. M.E.P. RECOVERABLE
PRODUCED BY M.E.P. 9/90
Box 655
Project
Washing. The following materials
will be lab pack with each, etc.

MSD054

1841

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE
MANIFEST 013785

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's USEPA ID No. CIAID19181210131914181916210190		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address LOS ANGELES UNIFIED SCHOOL DISTRICT 1425 SOUTH SAN PIERO STREET ROOM 125 LOS ANGELES, CA 90015		BETHUNE JUNIOR HIGH SCHOOL 155 W. 69th STREET LOS ANGELES, CA 90003		A. State Manifest Document Number 013785		B. State Generator's ID WHYH036-017505	
4. Generator's Phone (213) 742-7371		6. US EPA ID Number CIAID191814101214017		C. State Transporter's ID 0127450		D. Transporter's Phone (213) 623-9443	
5. Transporter 1 Company Name A/S METAL RECYCLING, INC.		7. Transporter 2 Company Name SOUTHERN PACIFIC RAILROAD		E. State Transporter's ID 11031		F. Transporter's Phone (213) 780-6565	
9. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380		10. US EPA ID Number LAID191810151717016		G. State Facility's ID 555		H. Facility's Phone (504) 631-3161	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity	
a. WASTE SILVER NITRATE LIQUID, OXIDIZER UN1493				0, 0, 1 D, F		0, 0, 0, 0, 5 G	
b. WASTE OXIDIZING MATERIAL, LIQUID, N.O.S. (LITHIUM NITRATE) OXIDIZER UN1479				0, 0, 1 D, F		0, 0, 0, 0, 5 G	
c. WASTE STRONTIUM NITRATE, LIQUID, OXIDIZER UN1507				0, 0, 1 D, F		0, 0, 0, 0, 5 G	
d.							
J. Additional Descriptions for Materials Listed Above				K. Handling Codes for Wastes Listed Above			
11a) SEE ATTACHMENT #44 (5781) ASER/ATR/900313 LP				✓			
11b) SEE ATTACHMENT #57 (5781) ASER/ATR/900313 LP				✓			
11c) SEE ATTACHMENT #61 (5781) ASER/ATR/900313 LP				✓			
15. Special Handling Instructions and Additional Information APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR							
IF UNABLE TO DELIVER, RETURN TO GENERATOR							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway AND RAIL according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name SUSIE WONG		Signature Susi Wong		Month Day Year 10 21 99			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name MIKE SCHWARTZ		Signature Mike Schwartz		Month Day Year 10 21 99			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name JR HAMILTON		Signature JR Hamilton		Month Day Year 10 26 99			
19. Discrepancy Indication Space				DEQ051760			
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.							
Printed/Typed Name		Signature		Month Day Year			

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U.S. MSP
PRODUCED BY MSP 9/93
REQUEST
WASTES
MSP

MSD054

1842

DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE
MANIFEST 013785

Please print or type. (Form designed for use on a (12-pt) typewriter.)

Form Approved. OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address LOS ANGELES UNIFIED SCHOOL DISTRICT 1425 SOUTH SAN PEDRO STREET LOS ANGELES, CA 90015		4. Generator's Phone (213) 742-7371	5. US EPA ID Number CIAID1918121013191418191612101910	A. State Manifest Document Number 013785	
5. Transporter 1 Company Name A/S METAL RECYCLING, INC.		6. US EPA ID Number ICAI D19181141012141017	7. Transporter 1 Phone (213) 623-9443		B. State Transporter's ID 0127450
7. Transporter 2 Company Name SOUTHERN PACIFIC RAILROAD		8. US EPA ID Number 1QADQ00691321016	9. Transporter 2 Phone (213) 780-6565		C. State Transporter's ID 1031
9. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 80 EAST MORGAN CITY, LOUISIANA 70380		10. US EPA ID Number LIAID1918110151771016	11. State Facility's ID 0127450		D. State Facility's ID 0127450
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. WASTE SILVER NITRATE LIQUID, OXIDIZER UN1493		105 0,01 D,F	0,010,015	G	D001
b. WASTE OXIDIZING MATERIAL, LIQUID, N.O.S. (LITHIUM NITRATE) OXIDIZER UN1493		105 0,01 D,F	0,010,015	G	D001
c. WASTE STRONTIUM NITRATE, LIQUID, OXIDIZER UN1507		105 0,01 D,F	0,010,015	G	D001
d.					
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above			
11a) SEE ATTACHMENT #1 (5/28/81) ASOR/BTR/9003133-LP		✓			
11b) SEE ATTACHMENT #5 (5/28/81) ASOR/BTR/9003133-LP		✓			
11c) SEE ATTACHMENT #6 (5/28/81) ASOR/BTR/9003133-LP		✓			
15. Special Handling Instructions and Additional Information APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway AND RAIL according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name SUSIE WONG		Signature Susi Wong		Month Day Year 1962 1990	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature Mike Schwartz		Month Day Year 1962 1990	
Printed/Typed Name MIKE SCHWARTZ		Signature J.R. Hamilton		Month Day Year 1962 1990	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature J.R. Hamilton		Month Day Year 1962 1990	
Printed/Typed Name J.R. HAMILTON		Signature		Month Day Year	
19. Discrepancy Indication Space DEQ051761					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name		Signature		Month Day Year	

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US V. MRP
PRODUCED BY MRP 9/93
RECEIVED
MAY 19 1994
FBI - LOS ANGELES
MAY 19 1994

MSD054

1843

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MARINE SHALE PROCESSORS, INC.
LAND DISPOSAL RESTRICTIONS INFORMATION

Customer Name: BETHUNE JUNIOR HIGH SCHOOL Customer EPA ID Number: CAD 982039489
Customer Address: 155 W. 69th STREET MCDS Document Number: ASFR/BIR/9003132-1P
LOS ANGELES, CA 90003

Under manifest number(s): 013785, we are shipping to you, for use in the MSP recycling process, recyclable materials stream(s) classified as EPA Hazardous Waste Number(s): D001

A. The EPA land disposal restriction regulations (40 CFR 268)

APPLY to these materials, under the following category or categories:

☐ Solvent/dioxin (See Attach. 1)

☐ California list, specifically (See Attach. 2):

☐ "First Third" list (See Attach. 3)

☐ "Second Third" list (See Attach. 4)

☒ DO NOT apply to this stream. (Skip following questions. Sign on bottom of page.)

B. The stream cannot be landfilled because (check one):

- ☐ 1. Incineration or recycling is the required technology to be used (See 40 CFR 268.42.), or
- ☐ 2. PCB's (ARE NOT acceptable and NOT approved for shipment to MSP), or
- ☐ 3. After November 8, 1989—wastes, except wastewaters, containing Halogenated Organic Compounds in total concentration of 1000 mg/kg or 1000 mg/l, or more), or
- ☐ 4. The stream is an F001-F005 solvent, or a "First Third" or "Second Third" waste containing organic or other non-metals (Attach. 3 and 4, Item 1). The following constituents identified in Table CCW or Table CCWE (See Attach. 5) of 40 CFR 268, must be treated to at least the level specified below (use reverse side for additional constituents):

Constituent	Treatment Standard	Per Table	
		CCW	CCWE

- ☐ 5. The stream is a liquid that is primarily water and contains HOC's in total concentration greater than or equal to 1,000 mg/l and less than 10,000 mg/l HOC's, or
- ☐ 6. The stream is a "Soft Hammer" material containing organics or other non-metals (Attach. 3, Item 5).

I hereby certify that the information provided on this form is complete and accurate to the best of my knowledge and ability to determine.

Authorized Representative Signature: Susie Wong DEQ051762

Print or Type Name: SUSIE WONG

Title: DIRECTOR OF ENVIRONMENTAL HEALTH & SAFETY

Date: 6/22/90

MPS Form 2684 (Rev.10/88)

SEE REVERSE

US V. MSP
PRODUCED BY MSP 6/93
RECORDED
INDEXED
Lab Pack with 100, 1000, 10000

MSD054

1844

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U.S. V. MRP
PRODUCED BY: MRP 9/93
REQUEST
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1845

ATTACHED FOR CONTAINER 5

D.O.T. 21C DF GALLON 5

SHIPPING NAME: WASTE SILVER NITRATE LIQUID, UN 1493
INVENTORY LIST #: 4 OKIDIZER

ITEM #	'S' or 'L'	CONTAINER	QTY/SIZE	UN/NA NO.	EPA WASTE CODE NO
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
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25					
26					
27					
28					
29					
30					

DEQ051763

D.O.T. 21C 5 DF GALLON
 SHIPPING NAME: WASTE OXIDIZING MATERIAL, LIQUID, N.O.S. UN 11
 (LITHIUM NITRATE)
 INVENTORY LIST #: 5

ITEM #	'S' or 'L'	CONTAINER	QTY/SIZE	UN/NA NO.	EPA WASTE CODE NC
1	L	GLASS	1/16oz	UN1479	0001
2	L	GLASS	4/4oz	UN1479	0001
3		GLASS	2/4oz		
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
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30					

DEQ051764

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US V. MAP
 PRODUCED BY MAP 9/93
 REQUEST
 WASTE LAB WORK WITH CASE, 11/11/93

MSD054

1846

US. V. MSP Releaseable
PRODUCED BY MSP 9/93

BOX 1 REQUEST

Undertaken by 26 other work units
and 1000 tasks in 2000, 1999, 1998

MSD054

1847

D.O.T. 21C 15 DF GALLON

SHIPPING NAME: WASTE STRONTIUM NITRATE, LIQUID UN 1507
INVENTORY LIST #: 6 OXIDIZER

ITEM #	'S' or 'L'	CONTAINER	QTY/SIZE	UN/NA NO.	EPA WASTE CODE
1 STRONTIUM NITRATE	L	GLASS	2/1 PT.	1507	D001
2 STRONTIUM NITRATE	L	GLASS	1/6 oz.	1507	D001
3 STRONTIUM NITRATE	L	GLASS	13/4 oz.	1507	D001
4					
5					
6					
7					
8					
9					
10					
11					
12					
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28					
29					
30					

DEQ051765

US V. MAP Releaseable
PRODUCED BY MAP 9/93
BOX 6 REQUEST 1
Unsub's plea deals with two hot
mads who took a 25% cut, 1988

Release

MSDOS 4

1848

CATEGORY IV	* OF DRUMS
A	
B	
C	
D	1@LP15 2@LP05
E	

DOCK SUPERVISOR: *Ray L. Smith*

DEQ051766

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U.S. V. MSP Releaseable
PRODUCED BY MSP 9/93
BOX 1 REQUEST 1
Unfiled - 10/24/93 - 10/24/93
Index - 10/24/93 - 10/24/93

no
manifest
provided

MSD054

1849 F

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U.S. V. MAP

PRODUCED BY MAP 9/93

RELEASABLE

MSD054

1850

MATERIALS CHARACTERIZATION DATA SHEET

MCDS Document #

THE EVERGREEN GROUP

MSP CODE: EVG/KEM/8905632

8905632

08/30/1989

P. O. Box 839
7416 Hwy 329
Crestwood, KY 40014

Generator Name Kentucky Manufacturing
Facility Address 2403 South Third Street

Bill To: The Evergreen Group
Company Contact: Robert French
Container Size: 55 gal Drums
EPA Waste No. D001, F005
Generating Process Waste print
Common Name of Waste Waste epoxy print
Rate of Generation 9 Dr PER Printer
Volume In Storage 30 Dr IN 17 E

City, State, Zip Bowling Green KY 40004
Technical Contact David French
Title Safety Director
Telephone NO. (502) 634-7131 EXT:
Facility EPA ID # KY000000343632

CHEMICAL COMPOSITION (No Trade Name)

(Totals must add up to 100%)
Epoxy print 75 %
Misc 5 %
 %
 %
 %
 %

METALS (EP Toxicity Test, mg/l)

Arsenic (As)	<u><0.01</u>	Silver (Ag)	<u><0.01</u>
Barium (Ba)	<u><0.01</u>	Copper (Cu)	<u>0</u>
Cadmium (Cd)	<u><0.01</u>	Nickel (Ni)	<u>0</u>
Chromium (Cr)	<u><0.01</u>	Zinc (Zn)	<u>0</u>
Lead (Pb)	<u><0.01</u>		
Mercury (Hg)	<u><0.001</u>		
Selenium (Se)	<u><0.01</u>		

INORGANICS (mg/l or ppm)

Total CN	<u>0</u>	Iodine	<u>0</u>
Free CN	<u>0</u>	Asbestos	<u>0</u>
Sulfide	<u>0</u>		
Chloride	<u>0</u>		
Bisulfite	<u>0</u>		
Sulfite	<u>0</u>		
Sulfate	<u>0</u>		
Phosphate	<u>0</u>		
Fluorine	<u>0</u>		
Bromine	<u>0</u>		
Chlorine	<u>0.05%</u>		

ORGANICS (mg/l or ppm)

Endrin	<u>0</u>	Organohalide	<u>0</u>
Methoxychlor	<u>0</u>	Mercaptans	<u>0</u>
Toxaphene	<u>0</u>		
2,4-D	<u>0</u>		
2,4,5-T	<u>0</u>		
Phenolics	<u>0</u>		
PCBs	<u>0</u>		
Dioxin	<u>0</u>		
TOC	<u>0</u>		

Is Waste DOT Hazardous YES 1 NO
Proper DOT Shipping Name Waste Flammable liquid, NCS
Hazard Class Flam ID No. UN 1993
Transportation Equipment N/A
Placarding Flammable

PHYSICAL DESCRIPTION

Physical State 1 Liquid 1 Semi-solid 1 Solid
Phases/Layering 1 Uni-Layer 1 Bilayer 1 Multilayer
Viscosity 1 High 1 Medium 1 Low
Type of Solids 1 Organic 1 Inorganic 1 Mixed
Total Solids (wt. %) 30-40 Suspended Solids (wt. %) N/A
BTU/lb 5,537 % Ash Content 5.0-8.0 % Water (by weight) <1%
Flash Point (°F) 425°F Type Pmcc
Specific Gravity NA
Boiling Point (°C) N/A Freezing Point (°C) N/A
Vapor Pressure (mm Hg @ 24°C) N/A
pH (Avg) 7 (Range) N/A to N/A
Total Alkalinity/Acidity (%) N/A
Odor Print Smell
Color Varies

HAZARDOUS PROPERTIES

<u>1</u> <u>Water Reactive</u>	<u>1</u> <u>Reactive</u>	<u>1</u> <u>NONE</u>
<u>1</u> <u>Shock Sensitive</u>	<u>1</u> <u>Pyrophoric</u>	<u>1</u> <u>Explosive</u>
<u>1</u> <u>Radioactive</u>	<u>1</u> <u>Pesticide Residuals</u>	<u>1</u> <u>Polymeltable</u>
<u>1</u> <u>Corrosive</u>	<u>1</u> <u>Toxic Vapor</u>	<u>1</u> <u>Ignitable</u>
<u>1</u> <u>Biological</u>	<u>1</u> <u>Etiological</u>	<u>1</u> <u>Pathogen</u>
<u>1</u> <u>Other</u>		

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES:

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS, LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING PRECAUTIONS, ADDITIONAL HAZARD SUPPORT INFORMATION, DATA & COMMENTS.

CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exists, and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all the materials subject to the contract.

DATE 25 October 1989 GENERATOR'S SIGNATURE: David E. French

DEQ051767

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2247

MATERIALS CHARACTERIZATION DATA SHEET

MARINE SHALE PROCESSORS, INC. JUN 06 1990
110 James Drive West, Suite 120
St. Rose, LA 70087
504-465-3310

For MSP Use Only

9003105

Approval Code

TAY/PIH/9003105-LP

A. Generator Information

Generator Name PRESBYTERIAN INTERCOMMUNITY HOSP.
Site Address 12401 WASHINGTON AVE.
City WHITTIER State CA Zip Code 90602
Generator Contact ERIC REECE
Title ENV MGR
Telephone No. (213) 698-0811
Facility EPA ID. No. CAD 059 227 538

B. Customer Information

Company Name INDUSTRIAL RECOVERY INC.
Contact BILL TAYLOR
Address 2075 CORTE DEL NOGAL STE X
CARLSBAD CA 92009
Telephone No. (619) 431-0811
For Customer Use

C. Regulatory Information

☐ RCRA Regulated ☐ Land Ban ☐ Non-Regulated EPA Waste Code(s) _____

D. Chemical Composition

(NO TRADE NAMES - Ranges must not exceed 20%. Total in maximum column must be greater than or equal to 100%.)

	MIN	MAX
<u>LAD PACK - SEE ATTACHED PACKING LIST</u>		

Common Name of Waste:

E. General Characteristics

Color: _____
Odor: ☐ None ☐ Mild ☐ Strong
☐ Liquid ☐ Sludge ☐ Solid ☐ Powder
Phases: ☐ Single Layer ☐ Double Layer ☐ Multi-Layer

F. Specific Characteristics

Is the waste:					
Radioactive?	Y	N	Polymerizable?	Y	N
Infectious?	Y	N	Pyrophoric?	Y	N
Water Reactive?	Y	N	Explosive?	Y	N

G. Physical/Chemical Properties

Ash (list actual Wt %) _____ Water (Wt %) ☐ < 1 ☐ 5-10 ☐ < 0.8 ☐ 1.2-1.4
BTU's per lb (list actual value) ☐ 1-5 ☐ > 10 ☐ 0.8-1.0 ☐ 1.4-1.7
Specific Gravity ☐ 1.0-1.2 ☐ > 1.7
Viscosity (for bulk liquids only) _____ cp
Total Suspended Solids (Wt % - for bulk liquids only) ☐ 5-20 ☐ > 20
pH ☐ 2-6 ☐ 6-10 ☐ 10-12.5 ☐ < 2 or > 12.5
list actual _____ list actual _____

Flash Point (closed cup) _____ Sulfur (Wt %) ☐ < 5 ☐ > 5 list actual value _____
☐ < 100°F ☐ > 200°F ☐ 100°-140°F ☐ _____°F
☐ 140°-200°F actual _____
Halogens (Wt %) ☐ < 1 ☐ 1-5 ☐ 5-10 ☐ > 10 list actual Wt %
☐ Iodine ☐ _____ ☐ _____ ☐ _____
☐ Bromine ☐ _____ ☐ _____ ☐ _____
☐ Chlorine ☐ _____ ☐ _____ ☐ _____
☐ Fluorine _____ actual Wt %

Metals: EP Toxicity Test (MG/L)
Arsenic (As) _____ Selenium (Se) _____
Barium (Ba) _____ Silver (Ag) _____
Cadmium (Cd) _____ Copper (Cu) _____
Chromium (Cr) _____ Nickel (Ni) _____
Lead (Pb) _____ Zinc (Zn) _____
Mercury (Hg) _____
Organics (ppm)
Endrin _____
Lindane _____
Methoxychlor _____
Toxaphene _____
2,4-D _____
2,4,5-TP (Silvex) _____
If material contains the following compounds, indicate actual ppm:
PCB _____
Cyanides _____
Sulfides _____
Dioxin _____

US V. MSP
PRODUCED BY MSP 9/93
REQUEST # _____
Washington, Inc. 10/1/93
MSPS Lab Pack with acid, nitric

MSD054

1851

DEMO51768

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US V. MSP RELEASED

PRODUCED BY MSP 9/93

DO NOT WRITE IN THESE SPACES
MSP-1040-10-89

MSD054

1852

H. Notes, Additional Information or Special Handling Instructions

I. Required Protective Equipment and Procedures

Please attach all materials safety data sheets, logistic sketches, analysis reports, handling precautions, additional hazardous support information, data and comments.

J. Shipping Information

DOT Hazardous Material Y N
Proper Shipping Name

DOT LD. No. (circle one)
UN/NA

Hazard Class

RQ

Anticipated Volume

Drums

Gal

Yds

Lbs

☐ Bulk

☐ Rail

Container Size

Container Type

Per

☐ One time

☐ Week

☐ Month

☐ Year

☐ Other

Certification

I hereby certify that the above attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exist, and that all known or suspected hazards have been disclosed, I certify that the materials tested are representative of all material described by this Materials Characterization Data Sheet.

1. *Gick*

Generator's Signature

2. *FRICK*

Name (Type or Print)

DEQ051769

3. *5-74-90*

Date

4. *ENV 11612*

Title

Recertification Requirements

This Materials Characterization Data Sheet must be recertified (i.e. updated) twelve months from the date signed and thereafter recertified on an annual basis. In addition, if the characteristics of the material change or if the generating process changes, a new MCDS must be submitted for approval prior to shipment.

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GENERATOR NAME:
PRESBYTERIAN INTERCOMMUNITY HOSPITAL
GENERATOR LOCATION: WHITTIER CA
LAB PACK CONTAINER 1: 2
CONTAINER SIZE: 5 GAL
CONTAINER TYPE: POLY

GENERATOR EPA ID: CA0001 22130
DOT SHIPPING NAME:
HAZARDOUS WASTE SOLID N.O.S.
DOT DESCRIPTION: ORM-E
UN/NA NUMBER: NA 9189
PACKAGING SUPERVISOR: 05
BILL TAYLOR

ITEM 1	DESCRIPTION	CONT. TYPE	1	SIZE	EPA 1
001	CUPRIC ACETATE	GLASS	1	1 POUND	N-R

LAB PACK CERTIFICATE

I certify that I am an authorized employee of Industrial Recovery, Inc.. I hereby certify that the lab pack represented by this Material Characterization Data Sheet and Lab Packing List is prepared and shipped in full compliance with the Marine Shale Processors, Inc. lab pack guidelines.

Signature
Name

WILLIAM D. TAYLOR

Date 5-21-90
Title PPCS

DEQ051770

US V. MSP
PRODUCED BY MSP 9/93
REQUEST
DO NOT WRITE IN THESE SPACES
DO NOT WRITE IN THESE SPACES

MSD054

1853

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W. A. HARRIS
Donnerstag

PRODUCED BY HSP 9/9

Released

BOX 5 REQUEST # 1
Washington, D.C. 20540
MRS. JOE JACKSON, JR.

MSDO54

1000

GENERATOR NAME: PRESBYTERIAN INTERCOMMUNITY HOSPITAL
GENERATOR LOCATION: WHITTIER, CA
LAB PACK CONTAINER 1
CONTAINER SIZE: 5 gal
CONTAINER TYPE: POLY

GENERATOR EPA ID: C40 059 227-5
DOT SHIPPING NAME:
WASTE FLAMMABLE 4910, N.O.
DOT DESCRIPTION: FLAMMABLE
UN/NA NUMBER: UN1993
PACKAGING SUPERVISOR:
BILL TAYLOR

ITEM #	DESCRIPTION	CONT. TYPE	L	SIZE	FPA #
001	PETROLEUM ETHER	METAL	1	16 oz	0001
002	PETROLEUM ETHER	GLASS	3	16 oz	0001
003	PETROLEUM ETHER	GLASS	6	5 oz	0001
004	RUBBER CEMENT	METAL	1	4 oz	0001

LAB BACK CERTIFICATE -

I certify that I am an authorized employee of Industrial Recovery, Inc.. I hereby certify that the lab pack represented by this Material Characterization Data Sheet and Lab Packing List is prepared and shipped in full compliance with the Marine Shale Processors, Inc. lab pack guidelines.

Signature 
Name WILLIAM D. TAYLOR

Date 5-21-90
Title pages

DEQ051771

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1101

DIRECT FEED ONLY

MATERIALS CHARACTERIZATION DATA SHEET

MARINE SHALE PROCESSORS, INC. JUN 06 1990 For MSP Use Only
110 James Drive West, Suite 120
St. Rose, LA 70087
504-465-3310 9003107

Approval Code TAY/PIH/9003107-DAF

A. Generator Information

Generator Name PRESBYTERIAN INTERCOMMUNITY HOSPITAL
Site Address 12401 WASHINGTON BLVD
City WHITTIER State CA Zip Code 90602
Generator Contact ERIC REECE
Title HAZ SUPERVISOR
Telephone No. (213) 698-0811
Facility EPA ID No. CAD 059 227 538

B. Customer Information

Company Name INDUSTRIAL RECOVERY INC
Contact BILL TAYLOR
Address 2075 CORTE DEL NOGAL
CARLSBAD CA 92009
Telephone No. (619) 431-0811
For Customer Use

C. Regulatory Information

☒ RCRA Regulated ☐ Land Ban ☐ Non-Regulated EPA Waste Code(s) U-122

D. Chemical Composition

(NO TRADE NAMES - Ranges must not exceed 20%. Total in maximum column must be greater than or equal to 100%.)

	MIN	MAX
SODIUM HYDROXIDE		0.4
SODIUM PHOSPHATE		2.0
FORMALDEHYDE		10.0
WATER		82.6

Common Name of Waste: WASTE FORMALIN

E. General Characteristics

Color: CLEAR
Odor: ☐ None ☐ Mild ☒ Strong TYPICAL
☐ Liquid ☐ Sludge ☐ Solid ☐ Powder
Phases: ☐ Single Layer ☐ Double Layer ☐ Multi-Layer

F. Specific Characteristics

Is the waste:
Radioactive? Y ☒ N ☐ Polymerizable? Y ☒ N ☐
Infectious? Y ☒ N ☐ Pyrophoric? Y ☒ N ☐
Water Reactive? Y ☒ N ☐ Explosive? Y ☒ N ☐

G. Physical/Chemical Properties

Ash (Est actual Wt %)	Water (Wt %)	Specific Gravity	Viscosity	Total Suspended Solids	pH
2.5	☐ <1 ☐ 5-10	☐ <0.8 ☐ 1.2-1.4	(for bulk liquids only)	(Wt % for bulk liquids only)	☐ 2-6 ☒ 6-10
BTUs per lb	☐ 1-5 ☒ >10	☐ 0.8-1.0 ☐ 1.4-1.7	Est actual in centipoise	☐ 5-20 ☒ >20	☐ 10-12.5 ☒ >12.5
(Est actual value)	Est actual 82.6%	Est actual 1.0	cp	Est actual	Est actual 7

Flash Point (closed cup)

☐ <100°F ☒ 100-140°F ☐ 140-200°F
actual 222°F

Sulfur (Wt %)

☐ <5 ☒ >5 Est actual value

Halogens (Wt %)

☒ Iodine ☐
☒ Bromine ☐
☒ Chlorine ☐
☒ Fluorine ☐

Organics (ppm)

Endrin NS
Lindane NS
Methoxychlor NS
Toxaphene NS
2,4-D NS
2,4,5-TP (Silvex) NS

Est actual Wt %

☐ <1 ☐ 1-5 ☐ 5-10 ☒ >10 Est actual Wt %

Metals: EP Toxicity Test (MG/L): NS = NONE SUSPECTED

Arsenic (As) NS
Barium (Ba) NS
Cadmium (Cd) NS
Chromium (Cr) NS
Lead (Pb) NS
Mercury (Hg) NS

Selenium (Se)

NS

Silver (Ag)

NS

Copper (Cu)

NS

Nickel (Ni)

NS

Zinc (Zn)

NS

If material contains the following inorganic compounds, indicate actual ppm:

PCB NS
Cyanides NS
Sulfides NS
Dioxin NS

DEQ051772

MSD054

1855

US V. MAP
PRODUCED BY MSP 9/93
REQUEST
Industrial Recovery Inc
110 James Drive West, Suite 120
St. Rose, LA 70087
504-465-3310

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U.S. V. MSP
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REQUEST

Box 5
Hazardous Waste
MSP Lab Work with MSD, MSD

MSD054

1856

H. Notes, Additional Information or Special Handling Instructions

Generating Process: HOSPITAL LAB CLEANUP

I. Required Protective Equipment and Procedures

Please attach all materials safety data sheets, logistic sketches, analysis reports, handling precautions, additional hazardous support information, data and comments.

WEAR GLOVES + GOGGLES

J. Shipping Information

DOT Hazardous Material

Proper Shipping Name

Hazard Class

Anticipated Volume

Container Size

Container Type

Permit

One time

Week

Month

Year

Other

Certification

I hereby certify that the above attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exist, and that all known or suspected hazards have been disclosed, I certify that the materials tested are representative of all material described by this Materials Characterization Data Sheet.

1. ENV M6R

2. ERIK REECE

3. 5-24-90

4. ENV M6R

Date

Title

Recertification Requirements

This Materials Characterization Data Sheet must be recertified (i.e. updated) twelve months from the date signed and thereafter recertified on an annual basis. In addition, if the characteristics of the material change or if the generating process changes, a new MCDS must be submitted for approval prior to shipment.

MSP Form 1040 Rev. 1089

DER051773

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U.S. V. MSP
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MSP Form 1040-R (November 89)

MSD054

1857

APR 02 1990

RECERTIFICATION OF MATERIAL CHARACTERIZATION DATA SHEET

MSP Approval Code
ECO / ECO / 8701036 / /

Date printed: 3/06/90 Rep. ID: CXH

Instructions: A copy of the M.C.D.S. to be recertified is attached to this Recertification Form. We ask that you complete the remainder of this form and have it signed by an authorized technical contact.
Please return a copy of the M.C.D.S. being recertified with this form.

Return this form with any attachments to: **MARINE SHALE PROCESSORS, INC.**
110 James Dr. West, Suite 120
St. Rose, LA 70087
Attention: Technical Review

A. GENERAL INFORMATION

Generator Name: ECOLOTEC INCORPORATED Telephone: (513) 254-9990 x.0000
Facility Address: 716 N. IRVIN ST. USEPA ID: 0H9980700942
DAYTON, OH 45403-0000

Name of Waste: TANK SLUDGE Generating Process: _____
Technical Contact: MS. TERESA CRITES Title: _____

B. CHANGES OR ADDITIONS SINCE LAST M.C.D.S. PREPARATION

1. Have you obtained any laboratory analysis of this waste? (If yes, attach results) ☐ yes ☒ no
2. Have you changed the raw materials used in the waste generating process? ☐ yes ☒ no
3. Have you changed the waste generating process itself? ☐ yes ☒ no
4. Are you aware of any facts or circumstances which have, or reasonably could have, altered the physical or hazardous characteristics, or chemical composition of the waste? ☐ yes ☒ no
5. Are you aware of any human health effects of exposure to the waste not previously described? ☐ yes ☒ no
6. If you answered "yes" to questions, 2, 3, 4, or 5 please provide details below:

DEQ051774

IF THERE HAVE BEEN ANY SUBSTANTIAL CHANGES, A NEW M.C.D.S. MUST BE SUBMITTED.

SHIPPING INFORMATION

Method of Shipment: ☐ Bulk Liquid ☐ Bulk Solid ☐ Drum (type/size) _____
Anticipated Volume: _____ Gals. _____ Cubic Yds. _____ Other _____
Per: ☐ One Time ☐ Week ☐ Month ☐ Quarter ☐ Year

RECERTIFICATION

I am an employee of the generator authorized to sign this Recertification. The information provided in the recertification of M.C.D.S. attached hereto, and the information supplied above, are complete, true and correct.

Name: _____ Signature: See attached data sheet.
Title: _____ Date: See attached data sheet.



MATERIALS CHARACTERIZATION DATA SHEET

MARINE SHALE PROCESSORS, INC.
110 James Drive West, Suite 120
St. Rose, LA 70087
504-465-3310

For MSP Use Only

Approval Code ECO/ECO/8704036

A. Generator Information

Generator Name ECOLOTEC, INC. - DIV. STOUT ENV.
Site Address 636 NORTH LAWIN STREET
City DAYTON State OH Zip Code 45403
Generator Contact TERESA A. CRITES
Title ASSISTANT APPROVALS COORDINATOR
Telephone No. (513) 254-9990
Facility EPA ID No. OH D 980700942

B. Customer Information

Company Name ECOLOTEC, INC. - DIV. STOUT ENVIRONMENTAL
Contact TERESA A. CRITES
Address P.O. Box 175
DAYTON, OH 45404
Telephone No. (513) 254-9990
For Customer Use

C. Regulatory Information

☒ RCRA Regulated ☐ Land Ban ☐ Non-Regulated EPA Waste Code(s) _____

D. Chemical Composition

(NO TRADE NAMES - Ranges must not exceed 20%. Total in maximum column must be greater than or equal to 100%.)

	MIN	MAX
<u>PAINT SLUDGE (ACRYLIC ENAMEL & LACQUER)</u>	<u>80</u>	<u>90</u>
<u>WATER</u>	<u>5</u>	<u>10</u>
<u>POLAR SOLVENTS</u>	<u>5</u>	<u>10</u>
<u>AROMATIC SOLVENTS</u>	<u>5</u>	<u>10</u>
<u>ALIPHATIC SOLVENTS</u>	<u>5</u>	<u>10</u>

Common Name of Waste: TANK SLUDGE

E. General Characteristics

Color: BROWN TO BLACK
Odor: ☐ None ☒ Mild ☐ Strong
☐ Liquid ☐ Sludge ☒ Solid ☐ Powder
Phases: ☒ Single Layer ☐ Double Layer ☐ Multi-Layer

F. Specific Characteristics

Is the waste:

Radioactive?	Y ☐ N ☒	Polymerizable?	Y ☐ N ☒
Infectious?	Y ☐ N ☒	Pyrophoric?	Y ☐ N ☒
Water Reactive?	Y ☐ N ☒	Explosive?	Y ☐ N ☒

G. Physical/Chemical Properties

Ash (list actual Wt %)	Water (Wt %)	Specific Gravity	Viscosity	Total Suspended Solids	pH
<u>5-10%</u>	☐ < 1 ☐ 5-10	☐ < 0.8 ☐ 1.2-1.4	(for bulk liquids only)	(Wt % for bulk liquids only)	☒ 2-6 ☐ 6-10
BTU's per lb	☒ 1-5 ☐ > 10	☐ 0.8-1.0 ☐ 1.4-1.7	list actual in centipoise	☐ 5-20	☐ 10-12.5
(list actual value)		☒ 1.0-1.2 ☐ > 1.7		☐ > 20	☐ < 2 or > 12.5
<u>5-7000</u>	list actual _____	list actual <u>1.05</u>	cp	list actual _____	list actual <u>7 (5-9)</u>

Flash Point (closed cup)

☒ < 100°F ☐ > 200°F
☐ 100°-140°F ☒ 85 °F
☐ 140°-200°F actual

Sulfur (Wt %)

☒ < 5
if > 5 list actual value _____

Halogens (Wt %)

< 1	1-5	5-10	if > 10 list actual Wt %
☐ Iodine	☐	☐	
☐ Bromine	☐	☐	
☐ Chlorine	☐	☐	
☐ Fluorine	☒	actual	Wt %

DEQ051775

Metals: EP Toxicity Test (MG/L)

Arsenic (As) 25.0 ppm
Barium (Ba) 2100.0 ppm
Cadmium (Cd) 21.0 ppm
Chromium (Cr) 25.0 ppm
Lead (Pb) 25.0 ppm
Mercury (Hg) 20.2 ppm

Selenium (Se) 21.0 ppm

Silver (Ag) 25 ppm

Copper (Cu) _____

Nickel (Ni) _____

Zinc (Zn) _____

Organics (ppm)

Endrin 0
Lindane 0
Methoxychlor 0
Toxaphene 0
2,4-D 0
2,4,5-TP (Sorex) 0

If material contains the following

compounds, indicate actual ppm

PCB 0

Cyanides 0

Sulfides 0

Dioxin 0

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REQUEST
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MSD054

1858

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US V. MAP
PRODUCED BY MAP 9/93
REQUEST
Subject: Hazardous Waste
MSD054
MSD054

H. Notes, Additional Information or Special Handling Instructions

USUAL INDUSTRIAL PROCEDURES IN HANDLING AND PRECAUTIONS

Generating Process: CLEAN OUT OF TANK BOTTOM SLUDGE

I. Required Protective Equipment and Procedures

Please attach all materials safety data sheets, logistic sketches, analysis reports, handling precautions, additional hazardous support information, data and comments.

USUAL PRECAUTIONS (ie RESPIRATOR, SAFETY GLASSES OR GOGGLES
TYVEK & NO OPEN FLAME

J. Shipping Information

DOT Hazardous Material ☒ H

Proper Shipping Name

RQ WASTE FLAMMABLE SOLID, NOS

DOT ID. No.

(circle one)

UNNA

UN 1325

Hazard Class

FLAMMABLE SOLID

RO

1 POUND (CERCLA)

Anticipated Volume

75

(Drums)

Gal

Yds

Lbs

☐ Bulk?

☐ Rail?

Container Size

55 GALLON

Container Type

17 H

Per

☐ One time

☐ Week

☐ Month

☐ Year

☒ Other

QER

Certification

I hereby certify that the above attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exist, and that all known or suspected hazards have been disclosed, I certify that the materials tested are representative of all material described by this Materials Characterization Data Sheet.

1. Teresa A. Crites

Generator's Signature

2. TERESA A. CRITES

Name (Type or Print)

3. MARCH 28, 1990

Date

4. ASSISTANT APPROVALS COORDINATOR

Title

Recertification Requirements

This Materials Characterization Data Sheet must be recertified (i.e. updated) twelve months from the date signed and thereafter recertified on an annual basis. In addition, if the characteristics of the material change or if the generating process changes, a new MCDS must be submitted for approval prior to shipment.

DEQ051776

1859

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RELEASABLE
REQUEST
Washing, Flammable, Solid, Noxious
MDS Job Talk with L&L, MDS

MSD054

1860

MARINE SHALE PROCESSORS, INC.
MATERIALS CHARACTERIZATION DATA SHEET

SALES (504) 465-3310

MSP CODE:

ECO/ECO 8704036

MCHS Document #

3704036

11 Generator Name Ecolines Inc
Facility Address W 36th Street St.
City, State, Zip Dallas TX 75203
Technical Contact Ray Boyle
Title Lab Mgr
Telephone (M/F) (512) 254-9940 FAX (512) 254-9942
Facility EPA ID # D4093070042

16 Bill To: Ecolines Inc, P.O. Box 175, Dallas, TX 75203
Company Contact: Ray Boyle
Container Size: 55 gal
EPA Waste No. F001, F002, F003, F004, F005
Generating Process Cleanout of tank bottom sludge
Common Name of Waste Tank sludge
Rate of Generation 75 drums per quarter
Volume in Storage 50 drums in 55 gal 17.5
Hazardous (X) YES () NO
Proper DOT Shipping Name Waste Flammable Solid nps
Hazard Class Flammable No. UN1325
Transportation Equipment Box trailer
Marking Flammable Solid

12 CHEMICAL COMPOSITION (No Trade Name)
(Totals must add up to 100%)
Paint Sludge 80-90 %
(Acrylic enamel & Lacquer)
Water 5-10 %
Polar solvents 5-10 %
Aromatic solvents 5-10 %
Aliphatic solvents 5-10 %

13 METALS (EP Toxicity Test, mg/l)
Arsenic (As) 0 Silver (Ag) 0
Barium (Ba) 0 Copper (Cu) 0
Cadmium (Cd) 0 Nickel (Ni) 0
Chromium (Cr) 0 Zinc (Zn) 0
Lead (Pb) 0
Mercury (Hg) 0
Selenium (Se) 0

14 INORGANICS (mg/l or ppm)
Total CN 0 Isocyanate 0
Free CN 0 Asbestos 0
Sulfide 0
Chloride < 1%
Bromide 0
Nitrate 0
Fluoride 0
Phosphate 0
Carbonate 0
Boronate 0
Chlorate 0

15 ORGANICS (mg/l or ppm)
Tocox 0 Organohalide 0
Methoxychlor 0 Mercaptans 0
Hexachloro 0
2,4-D 0
2,4,5-T 0
Dieldrin 0
PCBs 0
Dioxin 0
TCR > 50K

17 PHYSICAL DESCRIPTION
Physical State ☐ Liquid ☐ Semi-solid ☒ Solid
Phase Layering ☒ Uniform ☐ Bilayer ☐ Multilayer
Viscosity ☒ High ☐ Medium ☐ Low
Type of Solids ☐ Organic ☐ Inorganic ☒ Mixed
Total Solids (wt %) > 90% Suspended Solids (wt %) 0
Btu/lb 5-7K % Ash Content 5-10 % Water (by weight) 0
Flash Point (°F) 85° Type Closed cup
Specific Gravity 1.05 - 1.2
Boiling Point (°C) N/D Freezing Point (°C) N/D
Vapor Pressure (mm Hg @ 24°) N/D
pH (Aqueous) 7 (Range) 5 to 9
Total Alkalinity/Acidity (eq) N/D
Odor paint
Color brown

18 HAZARDOUS PROPERTIES ☐ NON
☐ Water Reactive ☐ Reactive ☐ Explosive
☐ Shock Sensitive ☐ Pyrophoric ☐ Polymerizable
☐ Radioactive ☐ Persistent Residuals ☒ Ignitable
☐ Corrosive ☐ Toxic Vapor ☐ Pathogenic
☐ Biological ☐ Irritant
☐ Other

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES:

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS, LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING PRECAUTIONS, ADDITIONAL HAZARD SUPPORT INFORMATION, DATA & COMMENTS.

CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exists, and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all the materials subject to the contract.

DATE 11/23/87 GENERATOR'S SIGNATURE: [Signature]

DEQ051777

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MSD054

1861

MARINE SHALE PROCESSORS, INC.
MATERIALS CHARACTERIZATION DATA SHEET

MCQS Document #

SALES (504) 465-3310

MSP CODE: ECO-874036

874036 NOV 25 87

11 Generator Name Ecologic, Inc.
Facility Address 636 N. Twin St
City, State, Zip Danbury, OH 45103
Technical Contact Roy Boyle
Title Lab Mgr
Telephone NO. (513) 254-9990 EXT:
Facility EPA ID # OH0980700942

12 CHEMICAL COMPOSITION (No Trade Name)
(Totals must add up to 100%)
Paint Sludge 80-90 %
(Acrylic enamel & Lacquer) %
Water 5-10 %
Polar solvents 5-10 %
Aromatic solvents 5-10 %
Aliphatic solvents 5-10 %

13 METALS (EP Toxicity Test, mg/l)
Arsenic (As) 0 Silver (Ag) 0
Barium (Ba) 0 Copper (Cu) 0
Cadmium (Cd) 0 Nickel (Ni) 0
Chromium (Cr) 0 Zinc (Zn) 0
Lead (Pb) 0
Mercury (Hg) 0
Selenium (Se) 0

14 INORGANICS (mg/l or ppm)
Total CN 0 Iodine 0
Free CN 0 Asbestos 0
Sulfide 0
Chloride < 1%
Bisulfide 0
Sulfate 0
Phosphate 0
Fluoride 0
Bromine 0
Chlorine 0

15 ORGANICS (mg/l or ppm)
Endrin 0 Organohalide 0
Methoxychlor 0 Mercaptans 0
Triphenyl 0
2,4-D 0
2,4,5-T 0
Phenolics 0
PCBs 0
Dioxin 0
TOC > 50K

16 Bill To: Ecologic, Inc. P.O. Box 175 Danbury, OH 45104
Company Contact: Roy Boyle
Container Size: 55 gal
EPA Waste No. F001, F002, F003, F004, F005
Generating Process Cleanout of tank bottom sludge
Common Name of Waste Tank Sludge
Rate of Generation 75 drums per quarter
Volume in Storage 50 drums in 55 gal 17H
Is Waste DOT Hazardous YES I YES I NO
Proper DOT Shipping Name Waste Flammable Solid n.o.s.
Hazard Class Flammable Solid No. UN1325
Transportation Equipment Box trailer
Placarding Flammable Solid

17 PHYSICAL DESCRIPTION
Physical State 1 Liquid 1 Semi-solid X Solid
Phases/Layering 2 Uni-Layer 1 Bilayer 1 Multilayer
Viscosity X High 1 Medium 1 Low
Type of Solids 1 Organic 1 Inorganic X Mixed
Total Solids (wt. %) > 90% Suspended Solids (wt. %)
DTULs 5-7K % Ash Content 5-10 % Water (by weight)
Flash Point (°F) 85° Type closed cup
Specific Gravity 1.05-1.2
Boiling Point (°C) N/D Freezing Point (°C) N/D
Vapor Pressure (mm Hg @ 24°C) N/D
pH (Avg) 7 (Range) 5 to 9
Total Alkalinity/Acidity (%) N/D
Odor paint
Color brown

18 HAZARDOUS PROPERTIES 1 NONH
1 Water Reactive 1 Reactive 1 Explosive
1 Shock Sensitive 1 Pyrophoric 1 Polymorphic
1 Radioactive 1 Pesticide Residuals X Ignitable
1 Corrosive 1 Toxic Vapor 1 Pathogen
1 Biological 1 Ecological
1 Other

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES:

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS, LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING PRECAUTIONS, ADDITIONAL HAZARD SUPPORT INFORMATION, DATA & COMMENTS.

CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exists, and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all the materials subject to the contract.

DATE 11/23/87

GENERATOR'S SIGNATURE: Roy Boyle

MSP FORM 1000 (REV. JUNE 87)

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MSD054

1862

MARINE SHALE PROCESSORS, INC.

MATERIALS CHARACTERIZATION DATA SHEET

MCDS Document #

SALES (504) 465-3310

ECO/ECOP/704036

MSP CODE:

11 Generator Name Ecolog Inc
Facility Address 636 N. Twin St
City, State, Zip Danville, OH 45403
Technical Contact Ray Boyle
Title Lab Mgr
Telephone NO. (513) 254-9990 EXT.
Facility EPA ID # DHD 980700942

16 Bill To: Ecolog Inc, P.O. Box 175, Danville, OH 45403
Company Contact: Ray Boyle
Container Size: 55 gal
EPA Waste No. F001, F002, F003, F004, F005
Generating Process Cleanout of tank bottom sludge
Common Name of Waste Tank sludge
Rate of Generation 75 drums per quarter
Volume in Storage 50 drums in 55 gal 17H
Is Waste DOT Hazardous YES ☒ YES ☐ NO
Proper DOT Shipping Name Waste Flammable Solid n.d.s
Hazard Class Flam Solid No. UN1325
Transportation Equipment Box trailer
 placarding Flammable Solid

12 CHEMICAL COMPOSITION (No Trade Name)
(Totals must add up to 100%)
Paint sludge 80-90%
(Acrylic enamel & lacquer)
Water 5-10%
Polar solvents 5-10%
Aromatic solvents 5-10%
Aliphatic solvents 5-10%

13 METALS (EP Toxicity Test, mg/l)
Arsenic (As) 0 Silver (Ag) 0
Barium (Ba) 0 Copper (Cu) 0
Cadmium (Cd) 0 Nickel (Ni) 0
Chromium (Cr) 0 Zinc (Zn) 0
Lead (Pb) 0
Mercury (Hg) 0
Selenium (Se) 0

14 INORGANICS (mg/l or ppm)
Total CN 0 Iodine 0
Free CN 0 Asbestos 0
Sulfide 0
Chloride < 1%
Bromide 0
Sulfate 0
Phosphate 0
Fluoride 0
Nitrate 0
Chlorine 0

15 ORGANICS (mg/l or ppm)
Endrin 0 Organohalide 0
Methoxychlor 0 Mercaptans 0
Triphenyl 0
2,4-D 0
2,4,5-T 0
Phenolics 0
PCBs 0
Dioxin 0
TUC > 50 K

17 PHYSICAL DESCRIPTION
Physical State ☐ Liquid ☐ Semi-solid ☒ Solid
Phase Layering ☒ Uni-Layer ☐ Bi-layer ☐ Multi-layer
Viscosity ☒ High ☐ Medium ☐ Low
Type of Solids ☐ Organic ☐ Inorganic ☒ Mixed
Total Solids (wt. %) > 90% Suspended Solids (wt. %) 0
BTU/lb 5-7K % Ash Content 5-10 % Water (by weight) 0
Flash Point (°F) 85° Type closed cup
Specific Gravity 1.05 - 1.2
Boiling Point (°C) N/D Freezing Point (°C) N/D
Vapor Pressure (mm Hg @ 24°C) N/D
pH (Ave) 7 (Range) 5 to 9
Total Alkalinity/Acidity (%) N/D
Odor paint
Color brown

18 HAZARDOUS PROPERTIES ☐ NONE
☐ Water Reactive ☐ Reactive ☐ Explosive
☐ Shock Sensitive ☐ Pyrophoric ☐ Polymorphic
☐ Radioactive ☐ Pesticide Residuals ☒ Ignitable
☐ Corrosive ☐ Toxic Vapor ☐ Pathogenic
☐ Biological ☐ Ecological
☐ Other

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES:

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS, LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING PRECAUTIONS, ADDITIONAL HAZARD SUPPORT INFORMATION, DATA & COMMENTS.

CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exists, and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all the materials subject to the contract.

DATE 11/23/87

GENERATOR'S SIGNATURE: [Signature]

MSD FORM 1000 (REV. 10/87)

Stout Environmental, Inc.

May 11, 1990

DEQ051780

MSD054

1863

MAY 16 1990 7:24 1234 MSP. INC. ST. ROSE, 504-465-3344

Mr. Gregory Horne
May 11, 1990
Page two

Please note that the above amendments in no way change the composition of the materials, only the new dual classification system implemented by Land Ban regulations.

Also, these approvals may be manifested with one or any combination of the appropriate EPA waste codes mentioned, depending on the load which may vary.

Should you have any questions or concerns regarding this matter please do not hesitate to contact us.

Sincerely,

Teresa A. Crites
Teresa A. Crites,
Approvals Coordinator

TAC/lml



DEQ051781

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US V. MSP
PRODUCED BY MSP 9/93
REQUEST #
Working File #
MCS Job #
MCS

MSD054

1864

RECEIVED APR 02 1990

RECERTIFICATION OF MATERIAL CHARACTERIZATION DATA SHEET

MSP Approval Code

Date printed: 9/06/90

Rep. ID: GKM

ECO /ECO /8704391/ /

Instructions: A copy of the M.C.D.S. to be recertified is attached to this Recertification Form. We ask that you complete the remainder of this form and have it signed by an authorized technical contact. Please return a copy of the M.C.D.S. being recertified with this form.

Return this form with any attachments to: **MARINE SHALE PROCESSORS, INC.**
110 James Dr. West, Suite 120
St. Rose, LA 70087
Attention: Technical Review

A. GENERAL INFORMATION

Generator Name: **ECOLOTEC INCORPORATED**

Telephone: **(513) 251-9910 x.0000**

Facility Address: **716 N. IRVIN ST.**

USEPA ID: **OH9980700942**

DAYTON, OH 45403-0000

Name of Waste: **PAINT FILTERS**

Generating Process:

Technical Contact: **MS. TERESA CRITES**

Title:

B. CHANGES OR ADDITIONS SINCE LAST M.C.D.S. PREPARATION

- Have you obtained any laboratory analysis of this waste? (If yes, attach results)..... ☐ yes ☒ no
- Have you changed the raw materials used in the waste generating process?..... ☐ yes ☒ no
- Have you changed the waste generating process itself?..... ☐ yes ☒ no
- Are you aware of any facts or circumstances which have, or reasonably could have, altered the physical or hazardous characteristics, or chemical composition of the waste?..... ☐ yes ☒ no
- Are you aware of any human health effects of exposure to the waste not previously described?..... ☐ yes ☒ no
- If you answered "yes" to questions, 2, 3, 4, or 5 please provide details below:

DEQ051782

IF THERE HAVE BEEN ANY SUBSTANTIAL CHANGES, A NEW M.C.D.S. MUST BE SUBMITTED.

SHIPPING INFORMATION

Method of Shipment: ☐ Bulk Liquid ☐ Bulk Solid ☒ Drum (type/size) **55gal 17H**
Anticipated Volume: **80** Gals. _____ Cubic Yds. _____ Other **DRUMS**
Per: ☐ One Time ☐ Week ☒ Month ☐ Quarter ☐ Year

RECERTIFICATION

I am an employee of the generator authorized to sign this Recertification. The information provided in the recertification of M.C.D.S. attached hereto, and the information supplied above, are complete, true and correct.

Name: **TERESA A. CRITES**

Signature: **TERESA A. CRITES**

Title: **ASSISTANT APPROVAL COORDINATOR**

Date: **MARCH 28, 1990**

NOTICE: If the film image is less clear than this notice, it is due to the quality of the document being filmed

US V. MSP RELEASED
PRODUCED BY MSP 9/93
REQUEST FOR INFORMATION
FILED IN 100-443887-1000

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US V. MSP
PRODUCED BY MSP: 9/93
REQUEST
UNCLASSIFIED
MDS Job Book with notes, etc.

MSD054

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H. Notes, Additional Information or Special Handling Instructions

USUAL INDUSTRIAL PRECAUTIONS IN HANDLING

Generating Process: PAINT CONTAMINATED FIBERGLASS FILTERS AND DEBRIS

I. Required Protective Equipment and Procedures

Please attach all materials safety data sheets, logistic sketches, analysis reports, handling precautions, additional hazardous support information, data and comments.

USUAL PRECAUTIONS (I.E. RESPIRATOR, TYVEK, SAFETY GLASSES OR GOGGLES)

J. Shipping Information

DOT Hazardous Material ☒ Y ☐ N
Proper Shipping Name

WASTE FLAMMABLE SOLID

DOT LD. No. ☒ UN ☐ NA

UN1325

Hazard Class

FLAMMABLE SOLID

RD

1 POUND (CERCLA)

Anticipated Volume

80

☒ Drums

Gal

Yds

Lbs

☐ Bulk?

☐ Rail?

Container Size

55 GALLON

Container Type

17H

Per

☐ One time

☐ Week

☒ Month

☐ Year

☐ Other

Certification

I hereby certify that the above attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exist, and that all known or suspected hazards have been disclosed, I certify that the materials tested are representative of all material described by this Materials Characterization Data Sheet.

1. Teresa A. Crites

Generator's Signature

2. TERESA A. CRITES

Name (Type or Print)

3. MARCH 28, 1990

Date

4. ASSISTANT APPROVAL COORDINATOR

Title

Recertification Requirements

This Materials Characterization Data Sheet must be recertified (i.e. updated) twelve months from the date signed and thereafter recertified on an annual basis. In addition, if the characteristics of the material change or if the generating process changes, a new MCDS must be submitted for approval prior to shipment.

DEQ051784

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US V. MAP
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RELEASABLE

MSD054

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MARINE SHALE PROCESSORS, INC.

MATERIALS CHARACTERIZATION DATA SHEET

SALES (504) 465-3310

ECD/ECO/8704331
MSP CODE:

MCDS Document #

DEC 11 87 1874331 DEC 11 87

11 Generator Name Ecolotec, Inc
Facility Address 636 N. Irwin St.
City, State, Zip Dayton OH 45403
Technical Contact Ray Boyle
Title Lab Manager
Telephone NO. (513) 254-9990 EXT:
Facility EPA ID # OH0900942

16 Bill To: P.O. Box 175 Dayton OH 45404
Company Contact: Ray Boyle
Container Size: 55 gal
EPA Waste No. F008 F005
Generating Process Paint contaminated fiberglass debris
Common Name of Waste Paint filters
Rate of Generation 80 drums per month
Volume in Storage 140 drums in
Is Waste DOT Hazardous YES ☒ YES ☐ NO
Proper DOT Shipping Name Waste Flammable Solid non
Hazard Class Flammable ID No. UN1325
Transportation Equipment Box Trailer
 placarding Flammable Solid

12 CHEMICAL COMPOSITION (No Trade Name)
(Total must add up to 100%)
fiberglass paint filters 70-85 %
fluoropoly 5-10 %
acrylic lacquer paint 5-10 %
debris 5-10 %

13 METALS (EP Toxicity Test, mg/l)
Arsenic (As) Ø Silver (Ag) Ø
Barium (Ba) Ø Copper (Cu) Ø
Cadmium (Cd) Ø Nickel (Ni) Ø
Chromium (Cr) Ø Zinc (Zn) Ø
Lead (Pb) Ø
Mercury (Hg) Ø
Selenium (Se) Ø

14 INORGANICS (mg/l or ppm)
Total CN Ø Iodine Ø
Free CN Ø Asbestos Ø
Sulfide Ø
Chloride Ø
Bisulfate Ø
Sulfate Ø
Phosphate Ø
Fluoride Ø
Bromine Ø
Chlorine Ø

15 ORGANICS (mg/l or ppm)
Endrin Ø Organohalide Ø
Methoxychlor Ø Mercaptans Ø
Toxaphene Ø
2,4-D Ø
2,4,5-T Ø
Phenol(s) Ø
PCBs Ø
Dioxin Ø
TCO N/D

17 PHYSICAL DESCRIPTION
Physical State ☐ Liquid ☐ Semi-solid ☒ Solid
Phase Layering ☒ Uni-Layer ☐ Bi-layer ☐ Multi-layer
Viscosity ☒ High ☐ Medium ☐ Low
Type of Solids ☐ Organic ☐ Inorganic ☒ Mixed
Total Solids (wt. %) 295 Suspended Solids (wt. %)
BTU/lb 3-5K % Ash Content 10-20 % Water (by weight) 55
Flash Point (°F) 2140 °F Type
Specific Gravity 6.72
Boiling Point (°C) N/A Freezing Point (°C) N/A
Vapor Pressure (mm Hg @ 24°C) N/A
pH (Avg) (Range) 5 to 9
Total Alkalinity/Acidity (%) N/A
Color Paint
Odor Brown/white

18 HAZARDOUS PROPERTIES ☐ NON
☐ Water Reactive ☐ Reactive ☐ Explosive
☐ Shock Sensitive ☐ Pyrophoric ☐ Polymerizable
☐ Radioactive ☐ Pesticide Residuals ☒ Ignitable
☐ Corrosive ☐ Toxic Vapor ☐ Pathogen
☐ Biological ☐ Irritant
☐ Other

REQUIRED PERSONNEL PROTECTIVE
EQUIPMENT AND PROCEDURES:

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS,
LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING
PRECAUTIONS, ADDITIONAL HAZARD SUPPORT
INFORMATION, DATA & COMMENTS.

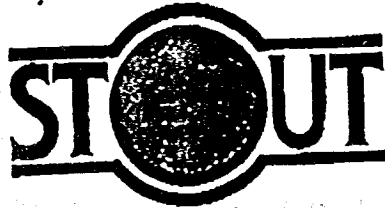
CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exists, and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all the materials subject to the contract.

DATE 12/1/87

GENERATOR'S SIGNATURE: Ray Boyle

AN-1000-1000 (REV. 10-87)

MAY 14 1990



ENVIRONMENTAL

Stout Environmental, Inc.

716 N. Irwin Street • Dayton, OH 45403
513-254-8990
Fax 513-254-3323

May 11, 1990

Mr. Gregory Horne
Technical Representative
Marine Shale Processors, Inc
110 James Drive West
Suite 120
St. Rose, LA 70087

RE: Classification of present waste streams per the Third-Third Land Ban.

Dear Mr. Horne:

Dear Mr. Horne:

In accordance with the new Third-Third Land Ban all RCRA hazardous waste will now be classified by both the process and characteristic of that particular waste stream. It is our understanding that there will be no exceptions or variance in respect to classification and/or notification of RCRA hazardous wastes.

In order to stay in compliance with the new Third-Third regulations, Ecolotec, Inc. will be updating all current waste streams. Therefore, per our request, please amend the EPA hazardous waste numbers to include characteristic codes listed for the appropriate approval codes.

MSP Approval Code:

ECO/ECO 88704331

ECO/ECO 8704036

ECO/ECO 8703079

ECO/ECO 8703080

ECO/ECO 8805890

ECO/ECO 8804905-DF0

EPA Haz. 1

D001, D004, D005, D006
D007, D008, D010, D011

D001, D004, D005, D006
D007, D008, D010, D011

D001, D004, D005, D006
D007, D008, D010, D011

D001

0001

D004, D005, D006, D007
D008, D010, D011

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STG "MSS"

APR 1964

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MSD054

1979

U.S. V. MRP Releasable
 PRODUCED BY MRP 9/93
 BOX 1 REQUEST
 Material from above was destroyed
 and was sent to the FBI, 10/1/93

Mr. Gregory Horne
May 11, 1990
Page two

Please note that the above amendments in no way change the composition of the materials, only the new dual classification system implemented by Land Ban regulations.

Also, these approvals may be manifested with one or any combination of the appropriate EPA waste codes mentioned, depending on the load which may vary.

Should you have any questions or concerns regarding this matter please do not hesitate to contact us.

Sincerely.

Teresa A. Crites
Teresa A. Crites,
Approvals Coordinator

TAC/1ml

DEQ051787



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U.S. V. MSP PRODUCED BY MSP 9/93

NOX 9-5-93 REQUEST RECEIVED
11/13/93 10:00 AM
11/13/93 10:00 AM
11/13/93 10:00 AM

MSD054

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MATERIALS CHARACTERIZATION DATA SHEET

(113)

MCDS Document #

-SALES (504) 465-3310

MSP CODE:

ECO/ECO 8704331

11 Generator Name: Ecologic, Inc
Facility Address: 636 N. Irwin St.
City, State, Zip: Dayton OH 45403
Technical Contact: Ray Boyle
Title: Lab Manager
Telephone (H/O): 513-254-9940 EXT:
Facility EPA ID #: OH0980700942

Bill To: P.O. Box 175 Dayton OH 45404
Company Contact: Ray Boyle
Container Size: 55 gal
EPA Waste No.: F008 F005
Generating Process: Paint contaminated filter glass & d
Common Name of Waste: Paint filters
Rate of Generation: 80 drums per month
Volume in Storage: 140 drums in
Is Waste (DOT) Hazardous: YES () NO
Proper (DOT) Shipping Name: Waste Flammable Solid ncs
Hazard Class/Div (DOT) No.: UN1325
Transportation Equipment: Box Trailer
Labeling: Flammable Solid

12 CHEMICAL COMPOSITION (No Trade Name)

(Totals must add up to 100%)

<u>fiberglass paint filters</u>	<u>70-85</u> %
<u>floor oil</u>	<u>5-10</u> %
<u>Acrylic lacquer paint</u>	<u>5-10</u> %
<u>debris</u>	<u>5-10</u> %

13 METALS (EP Toxicity Test, mg/l)

Arsenic (As)	<u>0</u>	Silver (Ag)	<u>0</u>
Barium (Ba)	<u>0</u>	Copper (Cu)	<u>0</u>
Cadmium (Cd)	<u>0</u>	Nickel (Ni)	<u>0</u>
Chromium (Cr)	<u>0</u>	Zinc (Zn)	<u>0</u>
Lead (Pb)	<u>0</u>		
Mercury (Hg)	<u>0</u>		
Selenium (Se)	<u>0</u>		

14 INORGANICS (mg/l or ppm)

Total CN	<u>0</u>	Iodine	<u>0</u>
Free CN	<u>0</u>	Asbestos	<u>0</u>
Sulfide	<u>0</u>		
Chloride	<u>0</u>		
Bromide	<u>0</u>		
Sulfate	<u>0</u>		
Sulfate	<u>0</u>		
Phosphate	<u>0</u>		
Fluoride	<u>0</u>		
Bromine	<u>0</u>		
Chlorine	<u>0</u>		

15 ORGANICS (mg/l or ppm)

Formal	<u>0</u>	Organohalide	<u>0</u>
Methoxybenz	<u>0</u>	Mercaptans	<u>0</u>
Triphenyl	<u>0</u>		
2,4-D	<u>0</u>		
2,4,5-T	<u>0</u>		
Phenol	<u>0</u>		
Phenols	<u>0</u>		
Dioxin	<u>0</u>		
TCR	<u>N/D</u>		

17 PHYSICAL DESCRIPTION

Physical State: ☐ Liquid ☐ Semi-solid ☒ Solid
Phase/Layering: ☒ Uniform ☐ Bifacial ☐ Multilayer
Viscosity: ☒ High ☐ Medium ☐ Low
Type of Solids: ☐ Organic ☐ Inorganic ☒ Mixed
Total Solids (wt. %): 295 Suspended Solids (wt. %): 3-5
Brimm: 3-5 Ash Content: 10-20 Water by weight: 5
Flash Point (°F): 2140 Type: Paint
Specific Gravity: 0.72
Boiling Point (°C): N/A Freezing Point (°C): N/A
Vapor Pressure (mm Hg @ 24°C): N/A
pH (Aqueous): 5 to 9
Total Alkalinity/Acidity (%): N/A
Color: Brown/white

18 HAZARDOUS PROPERTIES

☐ Water Reactive	☐ Reactive	☐ Explosive
☐ Shock Sensitive	☐ Pyrophoric	☐ Polymerizable
☐ Radioactive	☐ Persistent Residuals	☒ Ignitable
☐ Corrosive	☐ Toxic Vapor	☐ Pathogenic
☐ Biological	☐ Ecological	
☐ Other		

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES:

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS, LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING PRECAUTIONS, ADDITIONAL HAZARD SUPPORT INFORMATION, DATA & COMMENTS.

CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exists, and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all the materials subject to the contract.

DATE: 12/4/87

GENERATOR'S SIGNATURE: [Signature]

ANALYST'S SIGNATURE: [Signature]

DEQ051788

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US V. MAP RELEASED BY MSP 9/93

DO NOT WRITE IN THESE SPACES
UNLESS YOU ARE SURE IT WILL NOT BE
REPRODUCED

MSD054

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MARINE SHALE PROCESSORS, INC.
MATERIALS CHARACTERIZATION DATA SHEET

SALES (504) 465-3310

MSP CODE: ECO-P74331

874331 DEC 11 87

11 Generator Name Ecotec, Inc.
Facility Address 636 N. Irwin St.

City, State, Zip Dayton OH 45403
Technical Contact Ray Boyle
Title Lab Manager
Telephone NO. (513) 254-9190 EXT.
Facility EPA ID # OH090700942

12 CHEMICAL COMPOSITION (No Trade Name)

(Totals must add up to 100%)

<u>fiberglass paint filters</u>	<u>70-85</u> %
<u>flame dry</u>	<u>5-10</u> %
<u>acrylic lacquer paint</u>	<u>5-10</u> %
<u>debris</u>	<u>5-10</u> %

13 METALS (EP Toxicity Test, mg/l)

Arsenic (As)	<u>0</u>	Silver (Ag)	<u>0</u>
Barium (Ba)	<u>0</u>	Copper (Cu)	<u>0</u>
Calcium (Ca)	<u>0</u>	Nickel (Ni)	<u>0</u>
Chromium (Cr)	<u>0</u>	Zinc (Zn)	<u>0</u>
Lead (Pb)	<u>0</u>		
Mercury (Hg)	<u>0</u>		
Selenium (Se)	<u>0</u>		

14 INORGANICS (mg/l or ppm)

Total CN	<u>0</u>	Iodine	<u>0</u>
Free CN	<u>0</u>	Asbestos	<u>0</u>
Sulfide	<u>0</u>		
Chloride	<u>0</u>		
Bisulfite	<u>0</u>		
Sulfite	<u>0</u>		
Sulfate	<u>0</u>		
Phosphate	<u>0</u>		
Fluorine	<u>0</u>		
Bromine	<u>0</u>		
Chlorine	<u>0</u>		

15 ORGANICS (mg/l or ppm)

Endrin	<u>0</u>	Organohalide	<u>0</u>
Aldrin	<u>0</u>	Mercaptans	<u>0</u>
Toxaphene	<u>0</u>		
2,4-D	<u>0</u>		
2,4,5-T	<u>0</u>		
Phenolics	<u>0</u>		
PCBs	<u>0</u>		
Dioxin	<u>0</u>		
TOC	<u>N/D</u>		

16 Bill To: P.O. Box 175 Dayton OH 45404
Company Contact: Ray Boyle
Container Size: 55 gal
EPA Waste No. F008 F005
Generating Process Paint contaminated fiberglass debris
Common Name of Waste Paint filters
Rate of Generation 80 drums PER MONTH
Volume in Storage 140 drums IN
Is Waste DOT Hazardous YES NO
Proper DOT Shipping Name Waste Flammable Solid
Hazard Class/ID No. UN1325
Transportation Equipment Box Trailer
Labeling Flammable Solid

17 PHYSICAL DESCRIPTION

Physical State ☐ Liquid ☐ Semi-solid ☒ Solid
Phases/Layering ☒ One-Layer ☐ Bilayer ☐ Multilayer
Viscosity ☒ High ☐ Medium ☐ Low
Type of Solids ☐ Organic ☐ Inorganic ☒ Mixed
Total Solids (wt. %) 3-5 Suspended Solids (wt. %) 0
BTU/lb 3-5 % Ash Content 10-20 % Water by weight 5
Flash Point (°F) 2140 °F Type
Specific Gravity 0.72
Boiling Point (°C) N/A Freezing Point (°C) N/A
Vapor Pressure (mm Hg @ 24°C) N/A
pH (Avg) 5 to 9
Total Alkalinity/Acidity N/A
Odor Paint
Color Brown/White

18 HAZARDOUS PROPERTIES

☐ Water Reactive	☐ Reactive	☐ NONE
☐ Shock Sensitive	☐ Pyrophoric	☐ Explosive
☐ Radioactive	☐ Pesticide Residuals	☒ Ignitable
☐ Corrosive	☐ Toxic Vapor	☐ Pathogen
☐ Biological	☐ Irritant	
☐ Other		

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES:

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS, LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING PRECAUTIONS, ADDITIONAL HAZARD SUPPORT INFORMATION, DATA & COMMENTS.

CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exists, and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all the materials subject to the contract.

DATE 12/9/87

GENERATOR'S SIGNATURE: [Signature]

MSD FORM 1010 (REV. 10-87)

DEQ051789

SECRET

MSDOS 5.4

1871

WALL WALL 8905550

Bill To: WALL CHEMICAL INC.
Company Contact: PAUL FINGER LYNES
Orderer Job: 53-GAL DR
EPA Waste No. F002/F005/F002
Generating Process PAINT
Common Name of Waste PAINT
Rate of Generation 20 DR PER MO
(Quart) (Gall) (1 time interval)
Volume in Storage 100 DR IN 55-GAL DR
(Quart) (Gall) (Conditioned Size and Type)

4 Waste DOT Hazardous X YES 1 NO
Proper DOT Shipping Name WASTE PAINT RELATED MATERIAL
Hazard Class FLAM. ID No. UN 1263
Transportation Equipment VAN
Handling FLAMMABLE

PHYSICAL DESCRIPTION			
Physical State	1 1 Liquid	(X) Semi-solid	(X) Solid
Phase/Layering	(X) Uni-layer	(X) Bi-layer	1 1 Multilayer
Viscosity	(X) High	1 1 Medium	1 1 Low
Type of Solids	(X) Organic	1 1 Inorganic	1 1 Mixed
Total Solids (wt. %)	50-100 Suspended Solids (wt. %)		N/A
ATU% > 14%	% Ash Content	N/A	% Water (by weight) < 1%
Flash Point (°F) < 100°F	Type	CC	
Specific Gravity	0.85 - 1.0		
Boiling Point, (°C)	N/A		Freezing Point, (°C)
Vapor Pressure (mm Hg @ 24°C)	N/A		
pH (Ave)	SOLID - NOT IN RANGE		to
Total Alkalinity/Acidity (%)	N/A		
Odor	STRONG SWEET		
Color	MIXED		

HAZARDOUS PROPERTIES			NONE
Water Reactive	Reactive	Explosive	
Shock Sensitive	Pyrophoric	Polymizable	
Radioactive	Pesticide Residue	Ignitable	X
Corrosive	Toxic Vapor	Pathogen	
Biological	Biological		
Other			

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES: _____

**PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS,
LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING
PRECAUTIONS, ADDITIONAL HAZARD SUPPORT
INFORMATION, DATA & COMMENTS.**

DEQ051790

BOX 93 REQUEST 6
UNSUBS. FUG. RELAS. WITHIN 90 DAYS
MCDs. Lab. Pack. Cont. Code, MCDs

US v. MRP Released

MSDO54

1874

WALL WALL 8905550
MSF CODE

Figure 1. A schematic diagram of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group received a standard 12-week training program, while the experimental group received a modified 12-week training program. The experimental group was further divided into two subgroups: the low-intensity group and the high-intensity group. The low-intensity group received a low-intensity training program, while the high-intensity group received a high-intensity training program. The subjects were then divided into two groups: the control group and the experimental group. The control group received a standard 12-week training program, while the experimental group received a modified 12-week training program. The experimental group was further divided into two subgroups: the low-intensity group and the high-intensity group. The low-intensity group received a low-intensity training program, while the high-intensity group received a high-intensity training program.

Washing Machine Water Project
MPS Lab Park, Cincinnati, OH

PRODUCED BY MSP 9/93

MSDO54

1875

SALES (304) 463-3310

WALL WALL 890555

NY, State, Zip MEMPHIS TN 38109
 CHURCH CONTACT PAUL FINGER LYNDS
 do PRESIDENT
 telephone NO. (901) 734-0146 EXT:
 military EPA ID # IND 90-089-7024

(4) must add up to 100%)

PAINT RESINS	90-99
SOLVENTS INCLUDING:	1-10
XYLENE	
TOLUENE	
MEX	
ACETONE	
CHLORINATED SOLVENT	1-10

Mercury (Hg)	<u><0.1</u>	Silver (Ag)	<u><0.1</u>
Aluminum (Al)	<u><0.1</u>	Copper (Cu)	<u><0.1</u>
Antimony (Sb)	<u><0.1</u>	Nickel (Ni)	<u><0.1</u>
Bismuth (Bi)	<u><0.1</u>	Zinc (Zn)	<u><0.1</u>
Cadmium (Cd)	<u><0.1</u>		
Chromium (Cr)	<u><0.1</u>		
Cobalt (Co)	<u><0.1</u>		
Lead (Pb)	<u><0.1</u>		
Manganese (Mn)	<u><0.1</u>		
Phosphorus (P)	<u><0.1</u>		
Potassium (K)	<u><0.1</u>		
Selenium (Se)	<u><0.1</u>		
Silicon (Si)	<u><0.1</u>		
Sodium (Na)	<u><0.1</u>		
Strontium (Sr)	<u><0.1</u>		
Tellurium (Te)	<u><0.1</u>		
Tin (Sn)	<u><0.1</u>		
Tungsten (W)	<u><0.1</u>		
Vanadium (V)	<u><0.1</u>		
Yttrium (Y)	<u><0.1</u>		
Zirconium (Zr)	<u><0.1</u>		

gal CN
 age CN
 aphide
 thalids
 leucids
 allis
 igilis
 Aphrophora
 flourins
 flourins
 Chlorine

1/5
 1/5
 1/5
 1-10%

lartine
 Aphrophora
 1/5

1/5

Parameter	W/S	Organohalides	W/S
Mercury/chloride		Mercury/chloride	
Triphenyl		Triphenyl	
2, 4, 5		2, 4, 5	
2, 4, 5, 7		2, 4, 5, 7	
Phenol(s)		Phenol(s)	
PCBs		PCBs	
Dioxin		Dioxin	
TOC		TOC	

DATE 10.25.89

GENERATOR'S SIGNATURE:

Bill To: WALL CHEMICAL INC.
Company Contact: PAUL FINGER LYNES
Order Number: 59-GAL DR
EPA Waste No.: F002/F005/F007
Generating Process: PAINT
Common Name of Waste: PAINT
Rate of Generation: 80 DR PER MO
(Quart) (Gall) (1 time interval)
Volume in Storage: 100 DR IN 59-GAL DR
(Quart) (Gall) (Kilogram liter and types)
Is Waste DOT Hazardous: X YES 1 NO
Proper DOT Shipping Name: WASTE PAINT RELATED HAZ
Hazard Class: FLAM. 10 No. UN 1263
Transportation Equipment: VAN
Hazardous: FLAMMABLE

Physical State	☐ Solid	☒ Liquid	☒ Semi-solid	☒ Solid
Phases/Layering	☒ Uni-Layer	☒ Bi-layer	☐ Multi-layer	☐ Multi-layer
Viscosity	☒ High	☐ Medium	☐ Low	☐ Low
Type of Solids	☒ Organic	☐ Inorganic	☐ Mixed	☐ Mixed
Total Solids (wt. %)	50-100 suspended Solids (wt. %)			N/A
ATUs $\leq 14\%$	% Ash Content			N/A % Water (by weight) $\leq 1\%$
Flash Point (°F)	$\leq 100^\circ\text{F}$			Type CC
Specific Gravity	0.80 - 1.0			
Boiling Point, (°C)	N/A			freezing Point, (°C) N/A
Vapor Pressure (mm Hg @ 24°C)	N/A			
pH (Aqueous Solution)	12-14 (range) to			
Total Alkalinity/Acidity (%)	N/A			
Odor	STRONG SWEET			
Color	MIXED			

☐ Water Reactive	☐ Reactive	☐ Explosive
☐ Shock Sensitive	☐ Pyrophoric	☐ Polymerizable
☐ Radioactive	☐ Pesticide Residuals	☒ Ignitable
☐ Corrosive	☐ Toxic Vapor	☐ Pathogen
☐ Biological	☐ Ecological	
☐ Other		

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES: _____

**PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS,
LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING
PRECAUTIONS, ADDITIONAL HAZARD SUPPORT
INFORMATION, DATA & COMMENTS.**

DEQ051792

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U.S. V. MED
PRODUCED BY MED 9/93
REQUEST
NO MEDS PROVIDED
NO MEDS PROVIDED

No med's
provided

MSD054

1876 F

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE

MANIFEST 012413

Form Approved OMB No. 1050-0009, Expires 6-30-91

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 1A 1Z 1D 19 18 12 14 18 14 15 17 18

2. Page 1 of 1

3. Generator's Name and Mailing Address
EVERGREEN AIR CENTER, Inc.
PINAL AIR PARK, MARANA AZ 85653

4. Generator's Phone (602) 682-4181

5. Transporter 1 Company Name
HAZCHEM ENVIRONMENTAL SERVICES, Inc.

6. US EPA ID Number 1A 1Z 1D 19 18 12 14 18 14 15 17 18

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
MARINE SHALE PROCESSORS, INC.
HIGHWAY 90 EAST
MORGAN CITY, LOUISIANA 70380

10. US EPA ID Number LA 1D 19 18 10 5 17 7 0 16

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)
HAZARDOUS WASTE, SOLID, N.O.S.
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX

12. Containers
No. Type
0 3 0 0 1 1 4 16 12 15

13. Total Quantity
14. Unit
WV Vol
P

15. Special Handling Instructions and Additional Information
USE APPROPRIATE PERSONAL ~~PROTECTIVE~~ PERSONAL PROTECTIVE EQUIPMENT
IF UNABLE TO DELIVER, RETURN TO GENERATOR
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.
Printed/Typed Name Signature Month Day Year
Malcolm D. Montgomery 10 6 19 90

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Month Day Year
INDITHI G. CARABET 04 22 90

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Month Day Year

19. Discrepancy Indication Space
DEQ051793

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.
Printed/Typed Name Signature Month Day Year
Gina Bissett 12 1 91

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MANIFEST N° 015192

Form Approved OMB No. 2050-0038 Expires 9-30-9

EPA Form 100-22 (Rev. 9-18)

WHITE - DEO GREEN -

WHITE - DEO GREEN - General YELLOW - TSDRF. BLUE - Transporter 2. PINK - Transporter 1. GOLD - General

Keywords: child sexual abuse; disclosure; social support

U.S. - HARP

Releasable

MSD054

137

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE

MANIFEST 014386

Please print or type. (Form designed for use on 8 1/2 inch (12-pitch) typewriter.)

Form Approved OMB No. 2050-0039 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NNDPP6172969114386	Manifest Document No. 114386	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address 3M CHEMOLITE CENTER BLDG. 47 ATTN: JAMES D. PTACEK P. O. BOX 33131 ST. PAUL, MN. 55133		6. US EPA ID Number NONE		A. State Manifest Document Number B. State Generator's ID C. State Transporter's ID D. Transporter's Phone (800) 558-6767	
4. Generator's Phone (612) 458-2141		7. Transporter 1 Company Name SCHNEIDER TRANSPORT		E. State Transporter's ID F. Transporter's Phone	
5. Transporter 2 Company Name		8. US EPA ID Number		G. State Transporter's ID H. Transporter's Phone	
9. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380		10. US EPA ID Number LA D 9 8 1 0 5 7 7 0 6		I. State Facility's ID J. Facility's Phone (504) 631-3161	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unk Wt/Vol	15. Waste No.
a. NON-REGULATED MATERIAL (OFF SPEC PRODUCTS & PRODUCTION WASTE)		7 5 D M	2 8 0 9 6	P	NRM R
b. NON-REGULATED MATERIAL (EMPTY DRUMS)		1 D M	5 0	P	NRM R
c. NON-REGULATED MATERIAL (OFF SPEC PRODUCTS & PRODUCTION WASTE)		3 D F	1 1 2 4	P	NRM R
d. NON-REGULATED MATERIAL (EMPTY DRUMS)		1 3 D F	6 5 0	P	NRM R
1. Additional Descriptions for Materials Listed Above a. THM/THM 8906028 b. THM/THM 8906068 c. THM/THM 8906028 d. THM/THM 8906068		K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information IN CASE OF EMERGENCY OR SPILL, IMMEDIATELY CALL 3M: (612) 733-6100 IF UNABLE TO DELIVER, RETURN TO GENERATOR PLACARDS REQUIRED: NONE TRAILER NO. 84299					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name JAMES D. PTACEK		Signature James D. Ptacek		Month Day Year 0 6 2 6 9 0	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name J. A. L. TACKER		Signature David L. Tacker		Month Day Year 0 6 2 6 9 0	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space DEQ051796					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Gail Leonard					
Signature Gail Leonard		Month Day Year 0 6 2 6 9 0			

EPA Form 870-22 (Rev. 9-81)

WHITE - DEQ GREEN - Generator YELLOW - TCEDE BLUE - Transporter

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1880

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE ✓

MANIFEST 013946

Form Approved OMB No. 1050-0099, Expires 9-30-91

Please print or type. (Form designed for use on 12-pitch typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. 149087157251		Manifest Document No. 10101111		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address E.W.R., Inc. - P.O. Box 160 2390 S. Broadway - Coal City, IL. 60416											
4. Generator's Phone (815) 634-2211											
5. Transporter 1 Company Name Strand Trucking					6. US EPA ID Number 14111918141714141819						
7. Transporter 2 Company Name					8. US EPA ID Number						
9. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380					10. US EPA ID Number LA D981057706						
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					12. Containers No.		13. Total Quantity		14. Unit Wt/Vol		
a. "RQ" Waste Flammable Liquid NOS, Flammable Liquid, UN1993, (RQ 100 lbs. F001, F002, F005, D001)					28H		DM		041620		
b.											
c.											
d.											
15. Special Handling Instructions and Additional Information MSP Code # EWR 880801					EWR, Inc. ticket# 48647						
IF UNABLE TO DELIVER, RETURN TO GENERATOR											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name Richard McKinney					Signature <i>Richard McKinney</i>					Month Day Year 10/26/90	
17. Transporter 1 Acknowledgement of Receipt of Materials					Printed/Typed Name LEON BRAYBO					Signature <i>Leon Braybo</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials					Printed/Typed Name					Signature	
19. Discrepancy Indication Space					DEQ051797						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.											
Printed/Typed Name GINA BRISSETT					Signature <i>Gina Brissett</i>					Month Day Year 10/26/90	

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REQUEST
Subject: Hazardous Waste Manifest
MSD054

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1881

MANIFEST NO. 015195

Form Approved. OMB No. 2050-0039. Expires 9-30-9

EFA Form E-2022 (Rev. 9-88)

WHITE - DEO, GREEN - Generator, YELLOW - TSDRF, BLUE - Transporter 2, PINK - Transporter 1, GOLD - Generator

INFORMATIVE REF

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BOX 12 REQUEST 9
 Washington Plaza
 1000 16th St NW
 NW
 20036

MS-DOS 5.4

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EPA Form 800-22 (Rev. 9-78)

WHITE - DEO, GREEN - Generator, YELLOW - TSDRF, BLUE - Transporter 2, PINK - Transporter 1, GOLD - Generator

IN (1) HARM HW-1 (R 978)

OSV. A. 30

Reliability

MSD054

1886

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE

MANIFEST NO. 015196

Form Approved OMB No. 2050-0039 Expires 9-30-91

Please print or type. (Form designed for use on 12-pitch typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <u>MA00000608</u>		Manifest Document No. <u>1765</u>		2. Page 1 of 3		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address <u>North East Solvents Reclamation Corp.</u> <u>221 Sutton Street North Andover, Mass. 01845</u>						A. State Manifest Document Number <u>015195</u>							
4. Generator's Phone (508) 683-1002 ✓						B. State Generator's ID <u>300 Canal St., Lawrence, Mass.</u>							
5. Transporter 1 Company Name <u>Price Trucking Corp.</u>						C. State Transporter's ID <u>040239-ME</u>							
6. US EPA ID Number <u>INXID1046176557M</u>						D. Transporter's Phone <u>(716) 822-1414</u>							
7. Transporter 2 Company Name						E. State Transporter's ID							
8. US EPA ID Number						F. Transporter's Phone							
9. Designated Facility Name and Site Address <u>MARINE SHALE PROCESSORS, INC.</u> <u>HIGHWAY 90 EAST</u> <u>MORGAN CITY, LOUISIANA 70380</u>						G. State Facility's ID <u>GAMB</u>							
10. US EPA ID Number <u>LAD981057706</u>						H. Facility's Phone <u>(504) 631-3161</u>							
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
RQ Hazardous Waste Solid, n.o.s./Osm-E/ NA 9189 (F001/F002) (NES-8900404) ✓						17 DM 13110		G				✓ R F001 F002	
RQ Hazardous Waste Solid, n.o.s./Osm-E/ NA 9189 (F001/F005) (NES-8901423) ✓						12 DM 660		G				✓ LR F001 F005	
RQ Waste Corrosive Liquid, n.o.s./Corrosive Material UN 1760 (F001/F002) (NES-880 8705057) ✓						13 DF 115		G				✓ R F001 F002	
Non Regulated Material : (MA99) ✓						15 DM 12175		G				✓ MA99	
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above							
a) Debris w/ Halogenated Solvents b) Solid Polymer Waste c) Phenolic Sludge d) Latex Paint Waste						RECYCLE / REUSE							
15. Special Handling Instructions and Additional Information A) Includes 1x5gal drum/1x30gal drum Has 2 DF 5 DM c) Includes 3x5gal drums Restricted Waste Notification Attached P.O.#85765 IF UNABLE TO DELIVER, RETURN TO GENERATOR													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name <u>CARL MUISE</u> ✓						Signature <u>[Signature]</u> ✓				Month Day Year <u>10/6/21/91</u>			
17. Transporter 1 Acknowledgement of Receipt of Materials						Signature <u>[Signature]</u> ✓				Month Day Year <u>10/6/21/91</u>			
Printed/Typed Name <u>STEVEN Eldridge</u> ✓													
18. Transporter 2 Acknowledgement of Receipt of Materials						Signature				Month Day Year			
Printed/Typed Name													
19. Discrepancy Indication Space <u>11d. A1A99 is a 11d. 10g. 7.5L</u> DEQ051800													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.													
Printed/Typed Name <u>Gail Leonard</u>						Signature <u>[Signature]</u>				Month Day Year <u>10/20/91</u>			

EPA Form 100-22 (Rev. 9-81)

WHITE - DEQ GREEN - Generator YELLOW - ISRF BLUE - Transporter 2 PINK - Transporter 1 GOLD - Generator

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REQUEST
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MSD054

1885

RECEIVED MAY 3 11 1990
RECERTIFICATION OF
MATERIAL CHARACTERIZATION DATA SHEET

MSP Approval Code
NES / NES / E903197 / 1

Date printed: 5/09/90 Rep. ID: BAF

Instructions: A copy of the M.C.D.S. to be recertified is attached to this Recertification Form. We ask that you complete the remainder of this form and have it signed by an authorized technical contact.
Please return a copy of the M.C.D.S. being recertified with this form.

Return this form with any attachments to: MARINE SHALE PROCESSORS, INC.
110 James Dr. West, Suite 120
St. Rose, LA 70087
Attention: Technical Review

A. GENERAL INFORMATION

Generator Name: CSX/NORTHEAST Telephone: (508) 683-1002 x.0000
Facility Address: 221 SUTTON STREET
NORTH ANDOVER, MA 01845-0000
USEPA ID: MAP000604417

Name of Waste: SCRAP POLYOL Generating Process:
Technical Contact: MR. JAMES GREEN Title: MS. BRENDA LEONARDO

B. CHANGES OR ADDITIONS SINCE LAST M.C.D.S. PREPARATION

1. Have you obtained any laboratory analysis of this waste? (If yes, attach results)..... ☐ yes ☒ no
2. Have you changed the raw materials used in the waste generating process?..... ☐ yes ☒ no
3. Have you changed the waste generating process itself?..... ☐ yes ☒ no
4. Are you aware of any facts or circumstances which have, or reasonably could have, altered the physical or hazardous characteristics, or chemical composition of the waste?..... ☐ yes ☒ no
5. Are you aware of any human health effects of exposure to the waste not previously described?..... ☐ yes ☒ no
6. If you answered "yes" to questions, 2, 3, 4, or 5 please provide details below:

IF THERE HAVE BEEN ANY SUBSTANTIAL CHANGES, A NEW M.C.D.S. MUST BE SUBMITTED.

SHIPPING INFORMATION

Method of Shipment: ☐ Bulk Liquid ☐ Bulk Solid ☒ Drum (type/size) 55 gal + all sigs / metal
Anticipated Volume: _____ Gals. _____ Cubic Yds. Other 100 DRUMS
Per: ☐ One Time ☒ Week ☐ Month ☐ Quarter ☐ Year

RECERTIFICATION

I am an employee of the generator authorized to sign this Recertification. The information provided in the recertification of M.C.D.S. attached hereto, and the information supplied above, are complete, true and correct.

Name: Lisa Marie Morsey Signature: Lisa Marie Morsey
Title: Tech. Service Date: 5/25/90



MATERIALS CHARACTERIZATION DATA SHEET

MARINE SHALE PROCESSORS, INC.
110 James Drive West, Suite 120
St. Rose, LA 70087
504-465-3310

For MSP Use Only

Approval Code NES/NES-8903197

A. Generator Information

Generator Name North East Shale Processors Corp.
Site Address 300 Canal St.
City Lawrence State MA Zip Code 01840
Generator Contact Lee Morsey
Title Tech. Service
Telephone No. (508) 683-1002
Facility EPA ID No. MAD00060447

B. Customer Information

Company Name (Same)
Contact (Same)
Address 221 Sutton St.
De. Andover, MA 01845
Telephone No. ()
For Customer Use

C. Regulatory Information

☐ RCRA Regulated

☐ Land Ban

☒ Non-Regulated

EPA Waste Code(s) MA99

D. Chemical Composition

(NO TRADE NAMES - Ranges must not exceed 20%. Total in maximum column must be greater than or equal to 100%)

Polystyrene, PVC, POP
polymeric waste w/ pinines, amides, acetates
Ammonium Hydroxide
Other resins, TBT
Debris

MIN	MAX
<u>30</u>	<u>80</u>
<u>20</u>	<u>60</u>
<u>30</u>	<u>70</u>
<u>5</u>	<u>5</u>
<u>0-10</u>	<u>0-10</u>
<u>0-20</u>	<u>0-20</u>

Common Name of Waste: Scrap Polystyrene

E. General Characteristics

Color: Varies
Odor: ☐ None ☒ Mild ☐ Strong
☒ Liquid ☒ Sludge ☐ Solid ☐ Powder
Phases ☐ Single Layer ☐ Double Layer ☒ Multi-Layer

F. Specific Characteristics

Is the waste:
Radioactive? Y ☒ N Polymerizable? Y ☒ N
Infectious? Y ☒ N Pyrophoric? Y ☒ N
Water Reactive? Y ☒ N Explosive? Y ☒ N

G. Physical/Chemical Properties

Ash (list actual Wt %) <10
Water (Wt %) ☐ <1 ☒ 5-10
BTUs per lb (list actual value) 75000
Specific Gravity ☐ <0.8 ☒ 1.2-1.4
☐ 0.8-1.0 ☐ 1.4-1.7
☐ 1.0-1.2 ☐ >1.7
Viscosity (for bulk liquids only) cp
Total Suspended Solids (Wt % for bulk liquids only) if > 20 list actual
pH ☐ 2-6 ☒ 6-10
☐ 10-12.5
☐ <2 or >12.5

Flash Point (closed cup) ☐ <100°F ☒ 200°F
☐ 100°-140°F ☐ actual °F
☐ 140°-200°F
Sulfur (Wt %) ☒ <5
☐ if > 5 list actual value
Halogens (Wt %) ☐ <1 ☐ 1-5 ☐ 5-10
☐ Iodine ☐ Bromine ☐ Chlorine ☐ Fluorine
actual Wt %
if > 10 list actual Wt %

Metals: EP Toxicity Test (MG/L)
Arsenic (As) ☒
Barium (Ba) ☒
Cadmium (Cd) ☒
Chromium (Cr) ☒
Lead (Pb) ☒
Mercury (Hg) ☒
Selenium (Se) ☒
Silver (Ag) ☒
Copper (Cu) ☒
Nickel (Ni) ☒
Zinc (Zn) ☒
Organics (ppm)
Endrin ☒
Lindane ☒
Methoxychlor ☒
Toxaphene ☒
2,4-D ☒
2,4,5-TP (Silvex) ☒
If material contains the following compounds, indicate actual ppm:
PCB ☒
Cyanides ☒
Sulfides ☒
Dioxin ☒

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SHAPE
PROCESSORS
CORP.

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1886

DEMO51802

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US V. MSP
PRODUCED BY MSP 9/93
REQUEST
Box 1-5
Military Police
MSP Lab Back to HHS/DOH

MSD054

1887

DE051803

H. Notes, Additional Information or Special Handling Instructions

Generating Process: Scrap / unused

I. Required Protective Equipment and Procedures

Please attach all materials safety data sheets, logistic sketches, analysis reports, handling precautions, additional hazardous support information, data and comments.

J. Shipping Information

DOT Hazardous Material Proper Shipping Name ☒ Y ☒ N Non-Regulated Material DOT ID. NO. UN/NA (circle one)
Hazard Class RD
Anticipated Volume 100 ☒ Drums ☐ Gal ☐ Yds ☐ Lbs ☐ Bulk ☒ No ☐ Rail ☒ No
Container Size all 5145 Container Type metal
Per ☐ One time ☒ Week ☐ Month ☐ Year ☐ Other

Certification

I hereby certify that the above attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exist, and that all known or suspected hazards have been disclosed, I certify that the materials listed are representative of all material described by this Materials Characterization Data Sheet.

1. Lisa Marie Morsey 2. Lisa Marie Morsey
Generator's Signature Name (Type or Print)

3. 5/25/90 4. Tech. Service
Date Title

Recertification Requirements

This Materials Characterization Data Sheet must be recertified (i.e. updated) twelve months from the date signed and thereafter recertified on an annual basis. In addition, if the characteristics of the material change or if the generating process changes, a new MCDS must be submitted for approval prior to shipment.

NOTICE: If the film image is less clear than this notice, it is due to the quality of the document being filmed

US V. MAP
PRODUCED BY: MRP-9/93
RELEASABLE
DO NOT
FORGET
MATERIALS
MATERIALS
MATERIALS

MSD054

1888

MATERIALS CHARACTERIZATION DATA SHEET
MARINE SHALE PROCESSORS, INC.
BOX 1690 • KENNER, CA 94063
SALES (504) 465-3310
JUN 09 1989
MSP CODE: NES/NES/8903197

Generation Name North East Solvent
Facility Address 221 S. 1st St.
City, State, Zip Al. Andover, AL 36445
Technical Contact Kevin C. Brantley
Title Tech. Serv. Rep.
Telephone NO. 1-800-1-643-1002 EXT: 413
Facility EPA ID # AL000000044444

Bill To: North East Solvent
Address: 221 S. 1st St.
City, State, Zip: Al. Andover, AL 36445
Telephone #: 1-800-1-643-1002
Company Contact: Kevin C. Brantley
Container Size: 55 gal. drums
EPA Waste No. 17499
Generating Process Wash. Phase
Common Name of Waste Wash. Phase
Rate of Generation 100 55 gal. PER WEEK
Volume in Storage 100 55 gal. IN WEEK
Is Waste DOT Hazardous YES MINO
Proper DOT Shipping Name Unregulated material
Hazard Class 10 NO
Transportation Equipment 200
Placarding 200

CHEMICAL COMPOSITION (No Trade Name)
(Totals must add up to 100%)

<u>Allyl</u>	<u>30-80</u> %
<u>Unregulated, etc. OAP</u>	<u>30-60</u> %
<u>Allyl, etc. 1,4-dioxane, Allyl</u>	<u>30-70</u> %
<u>Allyl</u>	<u>25</u> %
<u>Nitro</u>	<u>0-10</u> %
<u>Other gases, TDI</u>	<u>0-20</u> %
<u>Debris</u>	<u>0-20</u> %

METALS (CP Toxicity Test, mg/l)

Arsenic (As)	<u>2.5</u>	Silver (Ag)	<u>15</u>
Barium (Ba)	<u>100</u>	Copper (Cu)	<u>1000</u>
Calcium (Ca)	<u>21</u>	Nickel (Ni)	<u>1000</u>
Chromium (Cr)	<u>15</u>	Zinc (Zn)	<u>1000</u>
Lead (Pb)	<u>15</u>		
Mercury (Hg)	<u>1.2</u>		
Selenium (Se)	<u>1.1</u>		

INORGANICS (mg/l or ppm)

Total CN	<u>0</u>	Iodine	<u>0</u>
Free CN	<u>0</u>	Asbestos	<u>0</u>
Sulfide	<u>0</u>		
Chloride	<u>1000</u>		
Bisulfite	<u>0</u>		
Sulfite	<u>0</u>		
Sulfate	<u>0</u>		
Phosphate	<u>0</u>		
Fluorine	<u>0</u>		
Bromine	<u>0</u>		
Chlorine	<u>0</u>		

ORGANICS (mg/l or ppm)

Formalin	<u>0</u>	Organohalide	<u>0</u>
Methoxychlor	<u>0</u>	Mercaptans	<u>0</u>
Isophore	<u>0</u>		
2,4-D	<u>0</u>		
2,4,5-T	<u>0</u>		
Phenolics	<u>0</u>		
PCBs	<u>0</u>		
Dioxin	<u>0</u>		
TCO	<u>0</u>		

PHYSICAL DESCRIPTION
Physical State ☒ Liquid ☒ Semi-solid ☒ Solid
Phase/Layering ☐ Uni-Layer ☐ Bi-Layer ☐ Multi-Layer
Viscosity ☒ High ☒ Medium ☐ Low
Type of Solids ☒ Organic ☐ Inorganic ☐ Mixed
Total Solids (wt. %) 0-60 Suspended Solids (wt. %) 0-10
NTU's 2000 % Ash Content 10 % Water (by weight) 10
Flash Point (°F) 7200 Type SC
Specific Gravity 1.2-1.5
Boiling Point (°C) 100 Freezing Point (°C) WAK
Vapor Pressure (mm Hg @ 24°C) WAK
pH (Avg) 7 (Range) 7 to 11
Total Alkalinity/Acidity (%) 10
Odor WAK
Color WAK

HAZARDOUS PROPERTIES ☒ NONE
☐ Water Reactive ☐ Reactive ☐ Explosive
☐ Shock Sensitive ☐ Pyrophoric ☐ Polymerizable
☐ Radioactive ☐ Pesticide Residuals ☐ Ignitable
☐ Corrosive ☐ Toxic Vapor ☐ Pathogen
☐ Biological ☐ Etiological
☐ Other _____

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES:

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS, LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING PRECAUTIONS, ADDITIONAL HAZARD SUPPORT INFORMATION, DATA & COMMENTS.

CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omission of all the materials subject to the contract.
I certify that the materials tested are representative of all the materials subject to the contract.

DATE: June 9, 1989 SIGNATURE: Kevin C. Brantley DER051804

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U.S. V. M.S.D. PRODUCED BY M.S.D. 9/93

MSD054
1889

MARINE STATE PROCESSORS, INC.

MATERIALS CHARACTERIZATION DATA SHEET

ACIDS Document #

JUN 09 1989

BOX 1698 KENNER, LA 70063

SALES (504) 465-3310

NES/NES/8903197

MSF CODE:

Generator Name North East Solvent
Facility Address 221 S. 10th St.
City, State, Zip St. Andrew, MA 01845
Technical Contact Kevin C. Brynston
Title Tech. Serv. Rep.
Telephone NO. 1-800-1-683-1002 EXT. 413
Facility EPA ID # 012000000000000000

Bill To: North East Solvent
Address: 221 S. 10th St.
City, State, Zip: St. Andrew, MA 01845
Telephone #: 508/451-1002
Company Contact: Kevin C. Brynston
Contacter Title: 508/451-1002
EPA Waste No. 17477
Generating Process Waste Ref.
Common Name of Waste Solvent Ref.
Rate of Generation 100 55 gal PER WEEK
Volume in Storage 100 55 gal IN WEEK
Is Waste DOT Hazardous YES NO
Proper DOT Shipping Name Not Regulated material
Hazard Class --- ID No. ---
Transportation Equipment TRUCK
Placarding ---

CHEMICAL COMPOSITION (No Trade Name)

(Totals must add up to 100%)

<u>Polypol</u>	<u>30-80</u> %
<u>Unidentified, PCC, DCP</u>	<u>30-60</u> %
<u>Polymers, clastic, 14-15, 16, 17</u>	<u>30-70</u> %
<u>Acetates</u>	<u>---</u> %
<u>Silicates</u>	<u>---</u> %
<u>Other resins, 720</u>	<u>0-10</u> %
<u>Others</u>	<u>0-20</u> %

METALS (EP Toxicity Test, mg/l)

Arsenic (As)	<u>---</u>	Silver (Ag)	<u>---</u>
Barium (Ba)	<u>---</u>	Copper (Cu)	<u>---</u>
Cadmium (Cd)	<u>---</u>	Nickel (Ni)	<u>---</u>
Chromium (Cr)	<u>---</u>	Zinc (Zn)	<u>---</u>
Lead (Pb)	<u>---</u>		
Mercury (Hg)	<u>---</u>		
Selenium (Se)	<u>---</u>		

INORGANICS (mg/l or ppm)

Total CN	<u>---</u>	Iodine	<u>---</u>
Free CN	<u>---</u>	Asbestos	<u>---</u>
Sulfide	<u>---</u>		
Chloride	<u>---</u>		
Bisulfite	<u>---</u>		
Sulfite	<u>---</u>		
Sulfate	<u>---</u>		
Phosphate	<u>---</u>		
Fluorine	<u>---</u>		
Bromine	<u>---</u>		
Chlorine	<u>---</u>		

ORGANICS (mg/l or ppm)

Endrin	<u>---</u>	Organohalide	<u>---</u>
Methoxychlor	<u>---</u>	Mercaptans	<u>---</u>
Toxaphene	<u>---</u>		
2,4-D	<u>---</u>		
2,4,5-T	<u>---</u>		
Phenolics	<u>---</u>		
PCBs	<u>---</u>		
Dioxin	<u>---</u>		
TCX	<u>---</u>		

PHYSICAL DESCRIPTION

Physical State ☒ Liquid ☐ Semi solid ☐ Solid
Phase/Layering ☐ Uni-Layer ☐ Bilayer ☐ Multilayer
Viscosity ☒ High ☐ Medium ☐ Low
Type of Solids ☒ Organic ☐ Inorganic ☐ Mixed
Total Solids (wt. %) 0-60 Suspended Solids (wt. %) 0-10
BTU/lb --- % Ash Content --- % Water (by weight) ---
Flash Point (°F) --- Type ---
Specific Gravity --- Freezing Point (°C) ---
Boiling Point (°C) --- Vapour Pressure (mm Hg @ 24°C) ---
pH (Avg) --- (Range) --- to ---
Total Alkalinity/Acidity (%) ---
Odor ---
Color ---

HAZARDOUS PROPERTIES

☐ Water Reactive	☐ Reactive	☒ NONE
☐ Shock Sensitive	☐ Pyrophoric	☐ Explosive
☐ Radioactive	☐ Pesticide Residuals	☐ Polymerizable
☐ Corrosive	☐ Toxic Vapor	☐ Ignitable
☐ Biological	☐ Etiological	☐ Pathogenic
☐ Other		

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES:

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS, LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING PRECAUTIONS, ADDITIONAL HAZARD SUPPORT INFORMATION, DATA & COMMENTS.

CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exists, and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all the materials subject to the contract.

DATE 6/8/89

GENERATOR'S SIGNATURE: Kevin C. Brynston

DEMO51805

RECERTIFICATION OF MATERIAL CHARACTERIZATION DATA SHEET		MSP Approval Code
Date printed: 5/09/90	Rep. ID: BAF	NES /NES /8903194/ 1
Instructions: A copy of the M.C.D.S. to be recertified is attached to this Recertification Form. We ask that you complete the remainder of this form and have it signed by an authorized technical contact. Please return a copy of the M.C.D.S. being recertified with this form.		
Return this form with any attachments to: MARINE SHALE PROCESSORS, INC. 110 James Dr. West, Suite 120 St. Rose, LA 70087 Attention: Technical Review		
A. GENERAL INFORMATION		
Generator Name: <u>CSX/NORTHEAST</u>	Telephone: <u>(508) 683-1002 x.0000</u>	
Facility Address: <u>221 SUTTON STREET</u>	USEPA ID: <u>NAD000604117</u>	
<u>NORTH ANDOVER, MA 01845-0000</u>		
Name of Waste: <u>LATEX PAINT WASTE</u>	Generating Process: _____	
Technical Contact: <u>MR. JAMES GREEN</u>	Title: <u>MS. BRENDA LEONARDO</u>	
B. CHANGES OR ADDITIONS SINCE LAST M.C.D.S. PREPARATION		
1. Have you obtained any laboratory analysis of this waste? (If yes, attach results)..... ☐ yes ☒ no		
2. Have you changed the raw materials used in the waste generating process?..... ☐ yes ☒ no		
3. Have you changed the waste generating process itself?..... ☐ yes ☒ no		
4. Are you aware of any facts or circumstances which have, or reasonably could have, altered the physical or hazardous characteristics, or chemical composition of the waste?..... ☐ yes ☒ no		
5. Are you aware of any human health effects of exposure to the waste not previously described?..... ☐ yes ☒ no		
6. If you answered "yes" to questions, 2, 3, 4, or 5 please provide details below:		
IF THERE HAVE BEEN ANY SUBSTANTIAL CHANGES, A NEW M.C.D.S. MUST BE SUBMITTED.		
SHIPPING INFORMATION		
Method of Shipment: ☐ Bulk Liquid ☐ Bulk Solid ☒ Drum (type/size) <u>all sigs / metal</u>		
Anticipated Volume: _____ Gals. _____ Cubic Yds. Other <u>80-100 DRUMS</u>		
Per: ☐ One Time ☒ Week ☐ Month ☐ Quarter ☐ Year		
RECERTIFICATION		
I am an employee of the generator authorized to sign this Recertification. The information provided in the recertification of M.C.D.S. attached hereto, and the information supplied above, are complete, true and correct.		
Name: <u>Lisa Marie Morsey</u>	Signature: <u>Lisa Marie Morsey</u>	
Title: <u>Tech. Service</u>	Date: <u>5/25/90</u>	

MSP Form 1040-R (November 89)

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BOX # 5 REQUEST # -----
 Addressed Please Write To
 Mrs. Joe Jack & Family, 1018 S.

MSD054

DEQ057304

1979

BOX 63 REQUEST 9
 University of California
 mcs lab pack with card, mcs

Reliability

MSD054

1842

DEQ051808

ACLOS Document #

JUN 9 1989

ALABAMA SHALE PROCESSORS, INC.

CHARACTERIZATION DATA SHEET

(P.O. BOX 1698 • KENNER, LA 70063)

SALES (504) 465-3310

MSP CODE:

6/8903194

Generacine Name North East Solvent
 Facility Address 221 1/2 Hwy 31
 City, State, Zip N. Andover, MA 01845
 Technical Contact Kevin C. Brynston
 Title Tech Serv. Rep.
 Telephone NO. 508-663-1002 EXT. 413
 (Include HSA ID) 774-0006-011447

Bill To: North East Seltzer
Address: 321 Sutton St.
City, State, Zip: St. Andrews, Md. 21845
Telephone #: 506/463-1002
Company Contact: Steve C. Clayton
Container Size: 55 gal. SS. Disposal drums
EPA Waste No. 17499
Generating Process Paint formulation
Common Name of Waste Latex Paint Waste
Rate of Generation 100 55 gal PER WCKA
drum month 1000 lbs waste
Volume in Storage 100 55 gal IN WCKA
drum

CHEMICAL COMPOSITION (No Trade Name)

Notes must add up to 100%

Totals must add up to 100%	
Water - surface Point	31-32
H ₂ O	N-30
Final - Pigments	0-10
Isopropyl	0-10
Others	0-10

METALS (CF Toxicity Test, mg/l)

Arsenic (As)	<u>15</u>	Silver (Ag)	<u>15</u>
Barium (Ba)	<u>100</u>	Copper (Cu)	<u>1000</u>
Cadmium (Cd)	<u>1</u>	Nickel (Ni)	<u>1000</u>
Chromium (Cr)	<u>15</u>	Zinc (Zn)	<u>1000</u>
Lead (Pb)	<u>15</u>		
Mercury (Hg)	<u>1.2</u>		
Selenium (Se)	<u>1</u>		

INORGANICS (mg/l or ppm)

Total CN	<u>0</u>	Iodine	<u>0</u>
Free CN	<u>0</u>	Asbestos	<u>0</u>
Sulfate	<u>0</u>		
Chloride	<u>0</u>		
Bisulfite	<u>0</u>		
Sulfite	<u>0</u>		
Sulfate	<u>0</u>		
Phosphate	<u>0</u>		
Fluorine	<u>0</u>		
Bromine	<u>0</u>		
Chlorine	<u>0</u>		

ORGANICS (mg/l or ppb)

Indrin	☒	Organohalide	☒
Methoxyalkyl	☒	Mercaptans	☒
Isophene	☒		
2, 4-D	☒		
2, 4, 5-T	☒		
Phenolics	☒		
PCBs	☒		
Dioxin	☒		
TCX	☒		

PHYSICAL DESCRIPTION

Physical State	☒ Liquid	☒ Semi-solid	☐ Solid
Phases/Layering	☐ Uni-Layer	☐ Bi-Layer	☒ Multi-Layer
Viscosity	☐ High	☒ Medium	☐ Low
Type of Solids	☒ Organic	☐ Inorganic	☒ Mixed
Total Solids (wt. %)	<u>50</u>	Suspended Solids (wt. %)	<u>50</u>
DTMB <u>5000</u>	% Ash Content <u>20</u>	% Water (by weight)	<u>50</u>
Flash Point (°F)	<u>> 200°</u>	Type	<u>CC</u>
Specific Gravity	<u>1.0 - 1.10</u>		
Boiling Point, (°C)	<u>unk</u>	Freezing Point, (°C)	<u>unk</u>
Vapor Pressure (mm Hg. @ 24°C)	<u>unk</u>		
pH (Avg)	<u>7</u>	(Range)	<u>4</u> to <u>8</u>
Total Alkalinity/Acidity (%)	<u>5/0</u>		
Odor	<u>strong amine</u>		
Color	<u>yellow</u>		

HAZARDOUS PROPERTIES

☐ Water Reactive	☐ Reactive	☐ Explosive
☐ Shock Sensitive	☐ Pyrophoric	☐ Polymerizable
☐ Radioactive	☐ Pesticide Residuals	☐ Ignitable
☐ Corrosive	☐ Toxic Vapor	☐ Pathogen
☐ Biological	☐ Etiological	
☐ Other _____		

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES: _____

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS, LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING PRECAUTIONS, ADDITIONAL HAZARD SUPPORT INFORMATION, DATA & COMMENTS.

CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exists, and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all the materials subject to the contract.

DATE. 6/2/27

GENERATOR'S SIGNATURE: Ying C. Bryant

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U.S. V. MAP
PRODUCED BY MAP 9/93
REQUEST
UNCLASSIFIED
DATE 10/10/00
BY 104 JAC/STC/STC/STC/STC

MSD054

1893

ACIDS Document # JUN 19 1988 MARINE SHALE PROCESSORS, INC.
CHARACTERIZATION DATA SHEET
(P.O. BOX 1698 • KENNER, LA 70063) DES/DES/8 903194
SALES (504) 465-3310 MSP CODE: _____

Generator Name North East Solvent
Facility Address 221 S. 1st St.
City, State, Zip N. Andover, MA 01845
Technical Contact Kevin C. Bryant
Title Tech. Serv. Rep.
Telephone NO. 1508 1683-1002 EXT. 413
Facility EPA ID # MA000060111

Bill To: North East Solvent
Address: 221 S. 1st St.
City, State, Zip: N. Andover, MA 01845
Telephone #: 508/163-1002
Company Contact: Kevin C. Bryant
Container Size: 5.20 SS. 45 gal drums
EPA Waste No. 0199
Generating Process Paint Application
Common Name of Waste White Paint Waste
Rate of Generation 100 55 gal PER WEEK
Volume in Storage 100 55 gal IN WORK

CHEMICAL COMPOSITION (No Trade Name)

(Totals must add up to 100%)
Latex - acrylic paint 80-90 %
H₂O 10-20 %
Paint pigments 0-10 %
Fillers 0-10 %
Others 0-20 %

METALS (EP Toxicity Test, mg/l)

Arsenic (As)	<u>2.5</u>	Silver (Ag)	<u>2.5</u>
Barium (Ba)	<u>100</u>	Copper (Cu)	<u>1000</u>
Cadmium (Cd)	<u>1</u>	Nickel (Ni)	<u>1000</u>
Chromium (Cr)	<u>2.5</u>	Zinc (Zn)	<u>1000</u>
Lead (Pb)	<u>2.5</u>		
Mercury (Hg)	<u>1.2</u>		
Selenium (Se)	<u>1</u>		

INORGANICS (mg/l or ppm)

Total CN	<u>0</u>	Iodine	<u>0</u>
Free CN	<u>0</u>	Asbestos	<u>0</u>
Sulfate	<u>0</u>		
Chloride	<u>0</u>		
Bisulfite	<u>0</u>		
Sulfite	<u>0</u>		
Sulfate	<u>0</u>		
Phosphate	<u>0</u>		
Fluoride	<u>0</u>		
Bromine	<u>0</u>		
Chlorine	<u>0</u>		

ORGANICS (mg/l or ppm)

Endrin	<u>0</u>	Organohalide	<u>0</u>
Methoxychlor	<u>0</u>	Mercaptans	<u>0</u>
Triphenyl	<u>0</u>		
2, 4-D	<u>0</u>		
2, 4, 5-T	<u>0</u>		
Phenolics	<u>0</u>		
PCBs	<u>0</u>		
Dioxin	<u>0</u>		
TOC	<u>0</u>		

PHYSICAL DESCRIPTION

Physical State ☒ Liquid ☒ Semi-solid ☐ Solid
Phase/Layering ☐ Uni-Layer ☐ Bi-Layer ☒ Multi-Layer
Viscosity ☐ High ☒ Medium ☐ Low
Type of Solids ☒ Organic ☐ Inorganic ☒ Mixed
Total Solids (wt. %) 1.50 Suspended Solids (wt. %) 1.20
DTU/b 5000 % Ash Content 2.20 % Water (by weight) 1.40
Flash Point (°F) > 200 Type C.C.
Specific Gravity 1.0-1.1
Boiling Point (°C) NAK Freezing Point (°C) NAK
Vapor Pressure (mm Hg @ 24°C) NAK
pH (Avg) 7 (Range) 7 to 10
Total Alkalinity/Acidity (%) 1.0
Odor strong mild
Color yellow

HAZARDOUS PROPERTIES

☒ NONE
☐ Water Reactive ☐ Reactive ☐ Explosive
☐ Shock Sensitive ☐ Pyrophoric ☐ Polymerizable
☐ Radioactive ☐ Pesticide Residuals ☐ Ignitable
☐ Corrosive ☐ Toxic Vapor ☐ Pathogen
☐ Biological ☐ Etiological
☐ Other _____

REQUIRED PERSONNEL PROTECTIVE EQUIPMENT AND PROCEDURES:

PLEASE ATTACH ALL MATERIAL SAFETY DATA SHEETS, LOGISTIC SKETCHES, ANALYSIS REPORTS, HANDLING PRECAUTIONS, ADDITIONAL HAZARD SUPPORT INFORMATION, DATA & COMMENTS.

CERTIFICATION: I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omission of composition or properties exists, and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all the materials subject to the contract.

DATE 6/18/89 GENERATOR'S SIGNATURE: Kevin C. Bryant DER051809

Recycle/Reuse

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved OMB No. 2050-0039 Expires 9-30-91

EPA Form 1700-22 k (Rev. 9/88) Previous edition is obsolete.

TSD FACILITY CORP.

DEQ FORM 14

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BOX 9 REQUEST 9
 Washington Field Relays Washington Field
 mcs lab pack 07/27/04, mcs

MSDO54

1874

DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE

MANIFEST NO. 910140

Form Approved OMB No. 2000-0001 Expires 8-30-91

Please print or type. (Form designed for use on elite (12-pin) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. LA D 10 10 16 15 13 17 12 3 17 0 0 2 9 0		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address United Technologies Automotive/ESD 2500 Hwy 6 East Iowa City, IA. 52240							
4. Generator's Phone (319) 338-9281		5. Transporter 1 Company Name Schiber Truck Company		6. US EPA ID Number IL D 00 06 4 9 13 1 9 Y		7. Transporter 2 Company Name	
8. US EPA ID Number		9. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380		10. US EPA ID Number LA D 9 8 1 0 5 7 7 0 6		11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	
a. RQ, Hazardous Waste Solid n.o.s., ORM-E, NA9189 (Methylene Chloride; Methanol; 1,1,1 Trichloroethane U080R, U226 R, U154 R)				12. Containers No. 18 Type D M		13. Total Quantity 148010	
b. RQ, Waste Flammable Solids n.o.s., Flammable Solid, UN1325 (MEK, Acetone, Toluene F003 R, F005 R)				14. Unit P		15. Waste No. U080R, U226R, U154R	
c. RQ, Waste Diphenylmethane - 4,4 diisocyanate UN2489 (D003R)				16. Unit P		17. Waste No. D003R	
d. RQ Hazardous Waste Solid n.o.s., ORM-E, NA9189 (Cadmium, Chromium, Lead, D006 R, D007 R, D008 R)				18. Unit P		19. Waste No. D006R, D007R, D008R	
15. Special Handling Instructions and Additional Information If spilled in Louisiana, call LDPS Hazardous Material Unit. Ph # 604-925-6595. Chemtrex Ph # 1-800-424-9300. NRC Ph # 1-800-424-8802. Generator formerly called Shelter-Globe Corp. IF UNABLE TO DELIVER, RETURN TO GENERATOR							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name William Murray		Signature William Murray		Month Day Year 10/12/89		17. Transporter 1 Acknowledgement of Receipt of Materials	
Printed/Typed Name D. V. Jones		Signature D. V. Jones		Month Day Year 10/22/89		18. Transporter 2 Acknowledgement of Receipt of Materials	
Printed/Typed Name		Signature		Month Day Year		19. Discrepancy Indication Space DEQ051811	
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name Jannie Kaboranne Signature Jannie Kaboranne Month Day Year 11/2/89							

EPA Form 1700-22 (Rev. 9-88)

WHITE - DEO, GREEN - Generator, YELLOW - TSDRF, BLUE - Transporter 2, PINK - Transporter 1, GOLD - Generator

DEQ FORM HW-3 (R 9-88)

NOTICE: If the film image is less clear than this notice, it is due to the quality of the document being filmed

U.S. V. MSP
PRODUCED BY MSP 9/93
RELEASED
NO. 17
REPORT
U.S. V. MSP
NO. 17
REPORT
U.S. V. MSP
NO. 17
REPORT

MSD054

1895

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE

MANIFEST 011273

Form Approved OMB No. 2050-0008 Expires 9-30-91

Please print or type. (Form designed for use on 6 1/2 x 11 inch (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. LA D 0 9 0 5 1 3 6 9 2 3 7 0 0 7 1 0		Manifest Document No. 011273		2. Page 1 of 2		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address UNITED TECHNOLOGIES AUTOMOTIVE 2200 MAIN ST. KICKAPOO LA 70632									
4. Generator's Phone (319) 524-4564									
5. Transporter 1 Company Name SCHIBER TRUCK CO. ✓									
6. US EPA ID Number LA D 0 0 1 0 6 4 9 3 1 9 1									
7. Transporter 2 Company Name									
8. US EPA ID Number									
9. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380									
10. US EPA ID Number LA D 9 8 1 0 5 7 7 0 6									
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)									
a. RQ HAZARDOUS WASTE SOLID, FLAMMABLE, NCS UN 1325 (D001)									
b. RQ HAZARDOUS WASTE SOLID, METALIC CHLORIDE MIXTURE UN 1593 (F002)									
c.									
d.									
12. Containers									
13. Total Quantity									
14. Unit Wt/Vol									
15. Waste No.									
16. Additional Descriptions for Materials Listed Above									
17. Special Handling Instructions and Additional Information									
18. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.									
19. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.									

NOTICE: If the film image is less clear than this notice, it is due to the quality of the document being filmed

US V. MAP
PRODUCED BY MAP 9/93
RELEASED BY
REQUEST
UNITED STATES DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535

MSD054

1896

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE / REUSE
MANIFEST NO. 905644

Form Approved OMB No. 2050-0039 Expires 6-30-91

1. Generator's US EPA ID No. LA 1010161513171213171010121911

2. Page 1 of 1

3. Generator's Name and Mailing Address: United Technologies Automotive/ESD, 2500 Hwy 6 East, Iowa City, IA. 52240

4. Generator's Phone (319) 338-9281

5. Transporter 1 Company Name: Schiber Truck Company

6. US EPA ID Number: IL 0006493191

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address: MARINE SHALE PROCESSORS, INC., HIGHWAY 90 EAST, MORGAN CITY, LOUISIANA 70380

10. US EPA ID Number: LA 0981057706

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	15. Special Handling Instructions and Additional Information
116	12141010	P	Non-regulated dried paint pigment
111	1161010	P	Non-regulated nickel/carbon sludge

15. Special Handling Instructions and Additional Information: If spilled in Louisiana, call LDPS Hazardous Materials Unit PH # 504-925-6595. Chemtrex PH # 1-800-424-9300. NRC PH # 1-800-424-2802. IF UNABLE TO DELIVER, RETURN TO GENERATOR. Generator formerly called Sheller-Globe Corp.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: William Murray, Signature: [Signature], Month Day Year: 10/6/90

17. Transporter 1 Acknowledgement of Receipt of Materials: Printed/Typed Name: [Signature], Signature: [Signature], Month Day Year: 10/12/90

18. Transporter 2 Acknowledgement of Receipt of Materials: Printed/Typed Name: [Signature], Signature: [Signature], Month Day Year: [Signature]

19. Discrepancy Indication Space: DEQ051813

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19. Printed/Typed Name: Jeanie Labrandon, Signature: [Signature], Month Day Year: 10/12/90

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US V. MAP
PRODUCED BY MAP 9/93
REQUEST # 100-11077
MDS Job Pack 10/10/90, MDS

MSD054

1897

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

MANIFEST No 016720

Form Approved OMB No. 2050-0039. Expires 9-30-91

HFA Form 8700 22 (Rev. 9/88)

WHITE - DEF GREEN - Generator YELLOW - TSCDF BLUE - Transmitter 2 PINK - Transmitter 1 GOLD

BOX # 2 REQUEST # 1
University of Arizona Water Institute
mcds lab pack with code, mcds

US v. MSP Releasable

MSDO54

1878

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
HAZARDOUS WASTE DIVISION
P.O. BOX 44307
BATON ROUGE, LOUISIANA 70804

RECYCLE/REUSE ✓

MANIFEST NO. 920875

Please print or type. (Form designed for use on 8 1/2 (12-pitch) typewriter.)

Form Approved OMB No. 2050-0038 Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's USEPA ID No. TND980847024	Manifest Document No. 0112180	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Bryson Recovery Services 552 Rivergate Rd., Memphis, TN 38109 ✓			A. State Manifest Document Number		
4. Generator's Phone (901) 774-8146 ✓			B. State Generator's ID		
5. Transporter 1 Company Name Bryson Industrial Services ✓			C. State Transporter's ID		
6. US EPA ID Number SICD 0100181213112 ✓			D. Transporter's Phone (740) 742-6521 ✓		
7. Transporter 2 Company Name			E. State Transporter's ID		
8. US EPA ID Number			F. Transporter's Phone		
9. Designated Facility Name and Site Address MARINE SHALE PROCESSORS, INC. HIGHWAY 90 EAST MORGAN CITY, LOUISIANA 70380 ✓			G. State Facility's ID		
10. US EPA ID Number LAD981057706 ✓			H. Facility's Phone (504) 631-3161 ✓		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
a. Waste Flammable Solid, N.O.S. UN 1325, (F002/F003/F005)			82 DM	14510	G
b.					
c.					
d.					
J. Additional Descriptions for Materials Listed Above Job # T108444 P.O. #RW 00320 WALL/WALL 8905550 ✓			K. Handling Codes for Wastes Listed Above F002 ✓ F003 ✓ F005 ✓		
15. Special Handling Instructions and Additional Information					
IF UNABLE TO DELIVER, RETURN TO GENERATOR					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name TERRY BROWN ✓			Signature Terry Brown ✓		Month Day Year 10/15/91
17. Transporter 1 Acknowledgement of Receipt of Materials			Signature Michael Baker ✓		Month Day Year 10/15/91
Printed/Typed Name Michael Baker ✓			Signature		Month Day Year
18. Transporter 2 Acknowledgement of Receipt of Materials			Signature		Month Day Year
Printed/Typed Name			Signature		Month Day Year
19. Discrepancy Indication Space DER051815					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					
Printed/Typed Name Terry Brown ✓			Signature Terry Brown ✓		Month Day Year

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US V. MRP
PRODUCED BY MRP 9/93
RECEIVED
WALL/WALL 8905550
10/15/91

MSD054

18999L