

TO: Jada Sam - LCCP

~~TOG-A-SIL-VEP-AJP:RF~~
XF 2875

FROM: Anne Clark

DATE: March 29, 1993

Interoffice
Communication

SUBJ: HM-181 SHIPPING DESCRIPTIONS FOR LCCP HAZARDOUS WASTES

VISTA

Following are the new HM-181 shipping descriptions for LCCP hazardous wastes, based on the information you have provided to me.

- Liquid Freon

HAZARDOUS WASTE, LIQUID, N.O.S. (F001, F002), 9, NA 3082, III, RQ (F001, F002)
SEE EMERGENCY RESPONSE GUIDEBOOK GUIDE 31

- Benzene Contaminated Debris

HAZARDOUS WASTE, SOLID, N.O.S. (BENZENE), I, NA 3077, III, RQ (D018, U019)
SEE EMERGENCY RESPONSE GUIDEBOOK GUIDE 31

- FB428 Filters

HAZARDOUS WASTE, SOLID, N.O.S. (D001), 9, NA 3077, III, RQ (D001)
SEE EMERGENCY RESPONSE GUIDEBOOK GUIDE 31

- Parts Washings

This is the same description as the Parts Washings at LCLAB.

WASTE FLAMMABLE LIQUID, N.O.S. (MINERAL SPIRITS), 3, UN 1993, RQ (D018, D001, D039)
SEE EMERGENCY RESPONSE GUIDEBOOK GUIDE 27

- Paint Waste

This is the same description as the Paint Waste at LCLAB.

WASTE PAINT RELATED MATERIAL, 3, UN 1263, III, RQ (F003, F005, D008, D018, D035, D001)
SEE EMERGENCY RESPONSE GUIDEBOOK GUIDE 26

- Asbestos

As I mentioned to you, when shipping asbestos domestically, DOT has provided a generic shipping description so that testing is not necessary.

2 WASTE ASBESTOS, 9, NA 2212, III, RQ (ASBESTOS)
SEE EMERGENCY RESPONSE GUIDEBOOK GUIDE 31

- **Spent Activated Carbon Contaminated with Benzene**

HAZARDOUS WASTE, SOLID, N.O.S. (BENZENE), 9, NA 3077, III, RQ
(D018)
SEE EMERGENCY RESPONSE GUIDEBOOK GUIDE 31

- **Spent Caustic (Waste Sulfide Caustic)**

WASTE CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE, BENZENE), 8,
UN 1760, II, RQ (D018, D002)
SEE EMERGENCY RESPONSE GUIDEBOOK GUIDE 60

Attached are Vista Emergency Response Information Sheets for these wastes. If you have any changes to, additions to, or questions, please give me a call.

Anne Clark

Anne Clark

dlj

Attachment

VISTA EMERGENCY RESPONSE INFORMATION

Product Name:	Liquid Freon		
DOT Proper Shipping Description:	Hazardous waste, liquid, n.o.s. (F001, F002), 9, NA 3082, III, RQ (F001, F002)		
Identification Number:	NA 3082		
Reportable Quantity:	RQ (F001)= 10 LBS, (F002)= 10 LBS		
FOR EMERGENCY ASSISTANCE, CALL: CHEMTREC 1-800-424-9300 or VISTA 1-318-494-5142			
POTENTIAL HAZARDS			
Fire or Explosion Some of these materials may burn, but none of them ignites readily.			
Health Hazards Contact may cause burns to skin and eyes. Fire may produce irritating or poisonous gases. Runoff from fire control or dilution water may cause pollution.			
EMERGENCY ACTION			
Keep unnecessary people away; isolate hazard area and deny entry. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.			
CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE. If water pollution occurs, notify the appropriate authorities.			
Fire Small Fires: Dry chemical, CO2, water spray or regular foam. Large Fires: Water spray, fog or regular foam. Move container from fire area if you can do it without risk. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal.			
Spill or Leak Stop leak if you can do it without risk. Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area. Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal. Large Spills: Dike far ahead of liquid spill for later disposal. Cover powder spill with plastic sheet or tarp to minimize spreading.			
First Aid In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site.			
TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES USE THIS TABLE WHEN THE MATERIAL IS NOT ON FIRE			
SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)		LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)	
First ISOLATE in all directions (Feet)	Then, PROTECT those persons in the DOWNWIND direction (Miles)	First ISOLATE in all directions (Feet)	Then, PROTECT those persons in the DOWNWIND direction (Miles)
N/A	N/A	N/A	N/A
Additional Information:			

THIS INFORMATION IS PROVIDED TO COMPLY WITH THE REQUIREMENTS OF 49 CFR §172.602. FOR ADDITIONAL PRODUCT INFORMATION, PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET (MSDS).

SOURCE: Guide 31, 1990 Emergency Response Guidebook

(Printed: 3/31/93; 1002GN/ERI31.PRI/31-037)

VEV 000089941

VISTA EMERGENCY RESPONSE INFORMATION

Product Name:	Benzene Contaminated Debris
DOT Proper Shipping Description:	Hazardous Waste, Solid, n.o.s. (Benzene), 9, NA 3077, III, RQ (D018, U019)
Identification Number:	NA 3077
Reportable Quantity:	RQ (D018) = 10 lbs., RQ (U019) = 10 lbs.,

FOR EMERGENCY ASSISTANCE, CALL: CHEMTREC 1-800-424-9300 or VISTA 1-318-494-5142**POTENTIAL HAZARDS****Fire or Explosion**

Some of these materials may burn, but none of them ignites readily.

Health Hazards

Contact may cause burns to skin and eyes. Fire may produce irritating or poisonous gases. Runoff from fire control or dilution water may cause pollution.

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.

CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE. If water pollution occurs, notify the appropriate authorities.

Fire**Small Fires:** Dry chemical, CO2, water spray or regular foam.**Large Fires:** Water spray, fog or regular foam. Move container from fire area if you can do it without risk. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal.**Spill or Leak**

Stop leak if you can do it without risk.

Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.**Small Spills:** Take up with sand or other noncombustible absorbent material and place into containers for later disposal.**Large Spills:** Dike far ahead of liquid spill for later disposal. Cover powder spill with plastic sheet or tarp to minimize spreading.**First Aid**

In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site.

TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES**USE THIS TABLE WHEN THE MATERIAL IS NOT ON FIRE**

SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)		LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)	
First ISOLATE in all directions (Feet)	Then, PROTECT those persons in the DOWNWIND direction (Miles)	First ISOLATE in all directions (Feet)	Then, PROTECT those persons in the DOWNWIND direction (Miles)
N/A	N/A	N/A	N/A

Additional Information:

THIS INFORMATION IS PROVIDED TO COMPLY WITH THE REQUIREMENTS OF 49 CFR §172.602. FOR ADDITIONAL PRODUCT INFORMATION, PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET (MSDS).

SOURCE: Guide 31, 1990 Emergency Response Guidebook

(Printed: 3/31/93; 1002GN/ERI31.PRI/31-039)

VEV 000089942

VISTA EMERGENCY RESPONSE INFORMATION			
Product Name:	FB428 Filters		
DOT Proper Shipping Description:	Hazardous Waste, Solid, n.o.s. (D001), 9, NA 3077, III, RQ (D001)		
Identification Number:	NA 3077		
Reportable Quantity:	RQ (D001) = 100 lbs.		
FOR EMERGENCY ASSISTANCE, CALL: CHEMTREC 1-800-424-9300 or VISTA 1-318-494-5142			
POTENTIAL HAZARDS			
Fire or Explosion Some of these materials may burn, but none of them ignites readily.			
Health Hazards Contact may cause burns to skin and eyes. Fire may produce irritating or poisonous gases. Runoff from fire control or dilution water may cause pollution.			
EMERGENCY ACTION			
Keep unnecessary people away; isolate hazard area and deny entry. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.			
CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE. If water pollution occurs, notify the appropriate authorities.			
Fire Small Fires: Dry chemical, CO2, water spray or regular foam. Large Fires: Water spray, fog or regular foam. Move container from fire area if you can do it without risk. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal.			
Spill or Leak Stop leak if you can do it without risk. Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area. Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal. Large Spills: Dike far ahead of liquid spill for later disposal. Cover powder spill with plastic sheet or tarp to minimize spreading.			
First Aid In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site.			
TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES USE THIS TABLE WHEN THE MATERIAL IS <u>NOT</u> ON FIRE			
SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)		LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)	
First ISOLATE in all directions (Feet)	Then, PROTECT those persons in the DOWNWIND direction (Miles)	First ISOLATE in all directions (Feet)	Then, PROTECT those persons in the DOWNWIND direction (Miles)
N/A	N/A	N/A	N/A
Additional Information:			

THIS INFORMATION IS PROVIDED TO COMPLY WITH THE REQUIREMENTS OF 49 CFR §172.602. FOR ADDITIONAL PRODUCT INFORMATION, PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET (MSDS).

SOURCE: Guide 31, 1990 Emergency Response Guidebook

(Printed: 3/31/93; 1002GN/ERI31.PRI/31-074)

VEV 000089943

INSTRUCTIONS: PLEASE ATTACH THIS SHEET TO THE BILL-OF-LADING FOR EACH SHIPMENT.

LAB + LCC

VISTA EMERGENCY RESPONSE INFORMATION			
Product Name:		Parts Washing	
DOT Proper Shipping Description:		Waste Flammable Liquid, n.o.s. (mineral sprits), 3, UN 1993, RQ (D018, D001, D039)	
Identification Number:		UN 1993	
Reportable Quantity:		RQ (D018) = 10 lbs.; (D001) = 100 lbs.; (D039) = 100 lbs.	
FOR EMERGENCY ASSISTANCE, CALL: CHEMTREC 1-800-424-9300 or VISTA 1-318-494-5142			
POTENTIAL HAZARDS			
Fire or Explosion Flammable/combustible material; may be ignited by heat, sparks or flames. Vapors may travel to a source of ignition and flash back. Container may explode in heat of fire. Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.			
Health Hazards May be poisonous if inhaled or absorbed through skin. Vapors may cause dizziness or suffocation. Contact may irritate or burn skin and eyes. Fire may produce irritating or poisonous gases. Runoff from fire control or dilution water may cause pollution.			
EMERGENCY ACTION			
Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection. Isolate for 1/2 mile in all directions if tank, rail car or tank truck is involved in fire. CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE. If water pollution occurs, notify the appropriate authorities.			
Fire Small Fires: Dry chemical, CO2, water spray or regular foam. Large Fires: Water spray, fog or regular foam. Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks. For massive fire in cargo area, use unmanned hose holder or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.			
Spill or Leak Shut off ignition sources; no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapor; but it may not prevent ignition in closed spaces. Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal. Large Spills: Dike far ahead of liquid spill for later disposal.			
First Aid Move victim to fresh air and call emergency medical care; if not breathing, give artificial respiration; if breathing is difficult, give oxygen. In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site.			
TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES USE THIS TABLE WHEN THE MATERIAL IS NOT ON FIRE			
SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)		LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)	
First ISOLATE in all directions (Feet)	Then, PROTECT those persons in the DOWNWIND direction (Miles)	First ISOLATE in all directions (Feet)	Then, PROTECT those persons in the DOWNWIND direction (Miles)
N/A	N/A	N/A	N/A
Additional Information:			

THIS INFORMATION IS PROVIDED TO COMPLY WITH THE REQUIREMENTS OF 49 CFR §172.602. FOR ADDITIONAL PRODUCT INFORMATION, PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET (MSDS).

SOURCE: Guide 27, 1990 Emergency Response Guidebook

(Printed: 3/31/93; 1002GN/ER127.PRI/27-057)

VEU 000089944

VISTA EMERGENCY RESPONSE INFORMATION

Product Name:	Paint Waste
DOT Proper Shipping Description:	Waste Paint Related Material, 3, UN 1263, III, RQ (F003, F005, D008, D018, D035, D001)
Identification Number:	UN 1263
Reportable Quantity:	RQ (F003) = 100 lbs., RQ (F005) = 100 lbs., RQ (D008) = 1 lb., RQ (D018) = 10 lbs., RQ (D035) = 5,000 lbs., RQ (D001) = 100 lbs.

FOR EMERGENCY ASSISTANCE, CALL: CHEMTREC 1-800-424-9300 or VISTA 1-318-494-5142**POTENTIAL HAZARDS****Fire or Explosion**

Flammable/combustible material; may be ignited by heat, sparks or flames. Vapors may travel to a source of ignition and flash back. Container may explode in heat of fire. Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.

Health Hazards

May be poisonous if inhaled or absorbed through skin. Vapors may cause dizziness or suffocation. Contact may irritate or burn skin and eyes. Fire may produce irritating or poisonous gases. Runoff from fire control or dilution water may cause pollution.

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection. Isolate for 1/2 mile in all directions if tank, rail car or tank truck is involved in fire. CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE. If water pollution occurs, notify the appropriate authorities.

Fire

Small Fires: Dry chemical, CO2, water spray or alcohol-resistant foam.

Large Fires: Water spray, fog or alcohol-resistant foam. Do not use dry chemical extinguishers to control fires involving nitromethane or nitroethane. Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks. For massive fire in cargo area, use unmanned hose holder or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.

Spill or Leak

Shut off ignition sources; no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapor, but it may not prevent ignition in closed spaces.

Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

Large Spills: Dike far ahead of liquid spill for later disposal.

First Aid

Move victim to fresh air and call emergency medical care; if not breathing, give artificial respiration; if breathing is difficult, give oxygen. In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site.

TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES**USE THIS TABLE WHEN THE MATERIAL IS NOT ON FIRE**

SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)		LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)	
First ISOLATE in all directions (Feet)	Then, PROTECT those persons in the DOWNWIND direction (Miles)	First ISOLATE in all directions (Feet)	Then, PROTECT those persons in the DOWNWIND direction (Miles)
N/A	N/A	N/A	N/A
Additional Information:			

THIS INFORMATION IS PROVIDED TO COMPLY WITH THE REQUIREMENTS OF 49 CFR §172.602. FOR ADDITIONAL PRODUCT INFORMATION, PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET (MSDS).

SOURCE: Guide 26, 1990 Emergency Response Guidebook

(Printed: 3/31/93; 1002GN/ER/26.PRI/26-017)

VEV 000089945

VISTA EMERGENCY RESPONSE INFORMATION

Product Name:	Asbestos (For domestic shipments only)
DOT Proper Shipping Description:	Waste asbestos, 9, NA 2212, III, RQ (asbestos)
Identification Number:	NA 2212
Reportable Quantity:	RQ (asbestos) = 1 lb.

FOR EMERGENCY ASSISTANCE, CALL: CHEMTREC 1-800-424-9300 or VISTA 1-318-494-5142**POTENTIAL HAZARDS****Fire or Explosion**

Some of these materials may burn, but none of them ignites readily.

Health Hazards

Contact may cause burns to skin and eyes. Fire may produce irritating or poisonous gases. Runoff from fire control or dilution water may cause pollution.

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.

CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE. If water pollution occurs, notify the appropriate authorities.

Fire**Small Fires:** Dry chemical, CO2, water spray or regular foam.**Large Fires:** Water spray, fog or regular foam. Move container from fire area if you can do it without risk. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal.**Spill or Leak**

Stop leak if you can do it without risk.

Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.**Small Spills:** Take up with sand or other noncombustible absorbent material and place into containers for later disposal.**Large Spills:** Dike far ahead of liquid spill for later disposal. Cover powder spill with plastic sheet or tarp to minimize spreading.**First Aid**

In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water.

Remove and isolate contaminated clothing and shoes at the site.

TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCESUSE THIS TABLE WHEN THE MATERIAL IS NOT ON FIRE

SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)		LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)	
First ISOLATE in all directions (Feet)	Then, PROTECT those persons in the DOWNWIND direction (Miles)	First ISOLATE in all directions (Feet)	Then, PROTECT those persons in the DOWNWIND direction (Miles)
N/A	N/A	N/A	N/A
Additional Information:			

THIS INFORMATION IS PROVIDED TO COMPLY WITH THE REQUIREMENTS OF 49 CFR §172.602. FOR ADDITIONAL PRODUCT INFORMATION, PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET (MSDS).

SOURCE: Guide 31, 1990 Emergency Response Guidebook

(Printed: 3/31/93; 1002GN/ERI31.PRI/31-073)

VEV 000089946

VISTA EMERGENCY RESPONSE INFORMATION

Product Name:	Spent Activated Carbon Contaminated with Benzene
DOT Proper Shipping Description:	Hazardous waste, solid, n.o.s. (benzene), 9, NA 3077, III, RQ (D018)
Identification Number:	NA 3077
Reportable Quantity:	RQ (D018) = 10 lb.

FOR EMERGENCY ASSISTANCE, CALL: CHEMTREC 1-800-424-9300 or VISTA 1-318-494-5142**POTENTIAL HAZARDS****Fire or Explosion**

Some of these materials may burn, but none of them ignites readily.

Health Hazards

Contact may cause burns to skin and eyes. Fire may produce irritating or poisonous gases. Runoff from fire control or dilution water may cause pollution.

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.

CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE. If water pollution occurs, notify the appropriate authorities.

Fire**Small Fires:** Dry chemical, CO2, water spray or regular foam.**Large Fires:** Water spray, fog or regular foam. Move container from fire area if you can do it without risk. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal.**Spill or Leak**

Stop leak if you can do it without risk.

Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.**Small Spills:** Take up with sand or other noncombustible absorbent material and place into containers for later disposal.**Large Spills:** Dike far ahead of liquid spill for later disposal. Cover powder spill with plastic sheet or tarp to minimize spreading.**First Aid**

In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site.

TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES

USE THIS TABLE WHEN THE MATERIAL IS NOT ON FIRE

SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)		LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)	
First ISOLATE in all directions (Feet)	Then, PROTECT those persons in the DOWNWIND direction (Miles)	First ISOLATE in all directions (Feet)	Then, PROTECT those persons in the DOWNWIND direction (Miles)
N/A	N/A	N/A	N/A
Additional Information:			

THIS INFORMATION IS PROVIDED TO COMPLY WITH THE REQUIREMENTS OF 49 CFR §172.602. FOR ADDITIONAL PRODUCT INFORMATION, PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET (MSDS).

SOURCE: Guide 31, 1990 Emergency Response Guidebook

(Printed: 3/31/93; 1002GN/ERI31.PRI/31-043)

VEU 000089947

VISTA EMERGENCY RESPONSE INFORMATION

Product Name:	Spent Caustic (Waste Sulfide Caustic)
DOT Proper Shipping Description:	Waste corrosive liquid, n.o.s. (sodium hydroxide, benzene), 8, UN 1760, II, RQ (D018, D002)
Identification Number:	UN 1760
Reportable Quantity:	RQ (D002) = 100 lbs; (D018) = 10 lbs.

FOR EMERGENCY ASSISTANCE, CALL: CHEMTREC 1-800-424-9300 or VISTA 1-318-494-5142**POTENTIAL HAZARDS****Health Hazards**

Contact causes burns to skin and eyes. If inhaled, may be harmful. Fire may produce irritating or poisonous gases. Runoff from fire control or dilution water may cause pollution.

Fire or Explosion

Some of these materials may burn, but none of them ignites readily. Flammable/poisonous gases may accumulate in tanks and hopper cars. Some of these materials may ignite combustibles (wood, paper, oil, etc.).

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind: Keep out of low areas. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.

CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE. If water pollution occurs, notify the appropriate authorities.

Fire

Some of these materials may react violently with water.

Small Fires: Dry chemical, CO₂, water spray or regular foam.

Large Fires: Water spray, fog or regular foam. Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.

Spill or Leak

Do not touch or walk through spilled material; stop leak if you can do it without risk.

Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

Large Spills: Dike far ahead of liquid spill for later disposal.

First Aid

Move victim to fresh air; call emergency medical care. In case of contact with material, immediately flush skin or eyes with running water for at least 15 minutes. Remove and isolate contaminated clothing and shoes at the site. Keep victim quiet and maintain normal body temperature.

TABLE OF INITIAL ISOLATION AND PROTECTIVE ACTION DISTANCES**USE THIS TABLE WHEN THE MATERIAL IS NOT ON FIRE**

SMALL SPILLS (Leak or spill from a small package or small leak from a large package.)		LARGE SPILLS (Leak or spill from a large package or spill from many small packages.)	
First ISOLATE in all directions (Feet)	Then, PROTECT those persons in the DOWNWIND direction (Miles)	First ISOLATE in all directions (Feet)	Then, PROTECT those persons in the DOWNWIND direction (Miles)
N/A	N/A	N/A	N/A
Additional Information:			

THIS INFORMATION IS PROVIDED TO COMPLY WITH THE REQUIREMENTS OF 49 CFR §172.602. FOR ADDITIONAL PRODUCT INFORMATION, PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET (MSDS).

SOURCE: Guide 60, 1990 Emergency Response Guidebook

(Printed: 3/31/93; 1002GN/ER/60,PR/60-012)

VEV 000089948

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