

OSHA-Required Health And Safety Information!

This Material Safety Data Sheet (MSDS) was requested moments ago from Hercules Automated Fax Information System. Please forward it immediately to the person in charge of MSDS's, or retain it at the machine until claimed.

Section 1

MATERIAL SAFETY DATA SHEET # 36 *Fuel Oil Sludge Treat*

Date Prepared: 3/24/1994 Last Reviewed: 12/4/2001

Meets OSHA 29 CFR 1910.1200



**MATERIAL
SAFETY
INFORMATION
SERVICE**

Hercules Chemical Company Inc.
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Passaic NJ 07055
Phone (800) 221-9330
Fax (800) 333-3456

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity;
Common Name(s), CAS Numbers)

OSHA PEL

ACGIH TLV

Other Limits

Upper Bound
Limit if SARA
Reportable

Mineral Spirits (64741-41-9)

400PPM

500PPM

N/A

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HMIS Hazard Rating: Health: 2 Flammability: 2 Reactivity: 0 Personal Protection: G

Section 3 - Physical/Chemical Characteristics

Boiling Point (°C):

317-388° F

Specific Gravity
(H₂O = 1):

0.8

Vapor Density
(Air = 1):

4.8

Vapor Pressure
(mm Hg):

at 100° F 0.1

Melting Point (° F)

N/A

Evaporation Rate:
(Butyl Acetate = 1)

0.1

Solubility in Water:

Negligible, but emulsifies in
water

Appearance And Color: Light brown color

Odor: Hydrocarbon odor

Section 4 - Fire And Explosion Hazard Data

Flash Point:

106° F to 112° F

Flammable Limits:

LEL:

1.0%

UEL:

6.0%

Extinguishing Media: Use water spray or fog, foam, dry chemical or CO₂. Do not use a direct water stream. Avoid acc

Special Firefighting Procedures:

Do not enter confined fire space without proper protective equipment including a NIOSH approved SCBA (Self-Contained Breathing Apparatus). Cool fire exposed containers surrounding equipment and structures with water.

Unusual Fire And Explosion Hazards:

Combustible liquid. Do not mix or store with strong oxidants like chlorine or concentrated oxygen.

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Section 5 - Reactivity Data

Stability: Stable **Conditions To Avoid:** Avoid heat, open flames

**Incompatability
(Materials To Avoid):** Strong oxidizing materials

Hazardous Decomposition: CO, CO₂ and unidentified organics may be formed during combustion.

Hazardous Polymerization: Will Not Occur

Section 6 - Health Hazard Data

Routes of Entry: Inhalation YES/Primary **Skin** YES/Primary **Ingestion** YES/Secondary

Health Hazards:

Inhalation of high vapor concentration can cause dizziness and headaches. Prolonged skin contact can lead to dry and irritated skin, possibly causing dermatitis.

Carcinogenicity: NTP NO IARC NO OSHA Regulated NO

Signs And Symptoms of Exposure:

Prolonged exposure to vapors can lead to headaches, dizziness, nausea and even loss of consciousness.

Medical Conditions Generally Aggravated By Exposure:

None known

Emergency And First Aid Procedures:

EYE CONTACT: Flush with water. If persistent irritation occurs, get medical attention. **SKIN CONTACT:** Wash with soap and water. Remove contaminated clothing and do not reuse until laundered. If persistent irritation occurs, get medical attention. **INHALATION:** Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention. **INGESTION:** DO NOT INDUCE VOMITING even though vomiting may occur. If vomiting occurs, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

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Section 7 - Precautions For Safe Handling And Use:**Steps To Be Taken In Case Material Is Released Or Spilled:**

Eliminate all sources of ignition. Soak up with non-combustible absorbent material like clay or vermiculite. Place in drums for proper disposal.

Waste Disposal Method:

Dispose in accordance with federal, state and local regulations. Incinerate in approved facility. Do not incinerate in closed containers.

Precautions To Be Taken In Handling And Storing:

Store away from oxidizing materials in cool, dry place with adequate ventilation.

Other Precautions:

Keep away from heat and open flames. Keep containers tightly sealed.

Section 8 - Control Measures:**Respiratory Protection:**

Use supplied air respiratory protection in confined or enclosed space.

Ventilation: Local Exhaust Preferable
Mechanical Acceptable

Special N/A

Gloves: Use chemical resistant gloves to av

Other: N/A

Eye Protection: Safety goggles

Other Protective
Clothing: None

Work/Hygienic Practices Use good personal hygiene practices. Wash thoroughly after handling.



FACTS
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For Hercules Material Safety Data Sheets by fax anytime, day or night, just call 1-800-942-INFO (1-800-942-4636) from any Touch-Tone phone. Have your fax number ready. Checking the product label for the correct MSDS # will save time.