



THE WORLD LEADER IN DOCUMENT AND SENSITIVE WASTE DESTRUCTION SOLUTIONS
SHREDDERS • DISINTEGRATORS • SECURITY WASTE CONTAINERS • DEGAUSSERS

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MATERIAL DATA SAFETY BULLETIN

Emergency Phone #800-225-9293

Information Phone #800-225-9293

I. MATERIAL IDENTIFICATION

F-1H-0, R-0

Product Trade Name: SEM Shredder Oil
Supplier: Security Engineered Machinery
P.O. Box 1045
5 Walkup Drive
Westboro, MA 01581

Preparer: PS
Preparation Date: 11/19/00

II. HAZARDOUS INGREDIENTS

Material or Components:	Per%	CAS#	TLV (acgih)	PEL (osha)
Lubricating Oil:			100	64742-58-1

III. PHYSICAL PROPERTIES

Appearance & Odor: Viscous Liquid, Amber, Petroleum Odor
Boiling Point 'F ('C): Greater than 450F (232C)
Melting Point 'F ('C): 0.86 at 60F (15.6C) (Water=1)
Vapor Pressure: Less than 0.001mm Hg at 77F
Vapor Density (Air=1): Greater than 1
Evaporation Rate
(Butyl Acetate=1): Less than 1
% Volatiles by Volume:
Solubility in H2O: Insoluble
pH as is: Not Applicable
pH (Dilute):

IV. FIRE AND EXPLOSION HAZARDS

Flashpoint (method used): 302F Cleveland Open Cup
Flammable Limits: LEL NA UEL NA
Extinguishing Media: Water Fog, Dry Chemical, Foam or CO2

Special Fire Fighting Procedures:
Wear self contained breathing apparatus when fire fighting in a confined space.
Cool fire exposed containers with water spray to prevent rupture.

Unusual Fire and
Explosion Hazards: None

Container Handling: Do not cut or weld empty drums unless thoroughly cleaned

V. REACTIVITY DATA

Stability: Stable under normal conditions
Conditions to Avoid: None
Incompatibilities: Strong Acids, Strong Oxidizing Agents
Hazardous Decomposition: Oxides-carbon, Sulfur, Nitrogen
Hazardous Polymerization: Will Not Polymerize

VI. HEALTH HAZARD SUMMARY

Routes of exposure and effects of overexposure

Eyes: May cause eye irritation
Skin Absorption: No acute effects expected
Skin Contact: May cause skin irritation
Inhalation: Mist may cause respiratory irritation
Ingestion: Oral LD50 not established. Do not ingest.
Chronic Effects: A review of the literature does not show obvious long term hazard
Threshold Limit Value: Not established for this product

Contains known

Carcinogens: No
NTP: No
IARC: No
OSHA: No

Emergency and First Aid Procedures

Eyes: Immediately flush eyes with plenty of water.
Get medical attention if irritation persists
Skin: Wash skin with soap and water. If irritation occurs, get medical attention.
Wash clothing before reuse.
Inhalation: If respiratory discomfort or irritation occurs, move the person to fresh air.
See a doctor if discomfort or irritation continues.
Ingestion: If swallowed, call a physician immediately.
Only induce vomiting at the instructions of a physician.
Never give anything by mouth to an unconscious person.

VII. CONTROL MEASURES

Respiratory Protection: Good industrial hygiene practices recommend that engineering controls be used to reduce environmental concentrations to the threshold limit value (TLV). If the associated TLV is exceeded, provide NIOSH approved respiratory protection.
Gloves: Impervious gloves such as rubber should be used when handling this product.
Eye Protection: Safety glasses with side shield or chemical goggles.
Other: Eyewash facility. Appropriate clothing to avoid skin contact.

VIII. PRECAUTIONS

- Containment Procedures: Recover free liquid. Keep product out of streams and waterways by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas.
- Waste Disposal Procedures: Dispose of in accordance with local, state and federal regulations. Disposal of this material to the land may be banned by federal law (40 CFR 268)

DO NOT ADD NITRATES TO THIS FLUID. Avoid contact with skin and eyes. Avoid breathing mists. Do not take internally. Keep container closed when not in use. Bring product to room temperature before use.

RCRA Hazardous Waste Designation:

This product does not fall under current EPA RCRA definitions of hazardous waste.

Cercla Reportable Quantity: This product does not contain any Cercla regulated materials.

IX. OTHER HAZARD INFORMATION

Petroleum Oil using the terminology of the International Agency for Research on Cancer (IARC), the oil is classified by the supplier as a "severely treated naphthenic/paraffinic." The supplier has stated that the oil does not require a carcinogen label as defined by OSHA 29 CFR 1910.1200.

X. ADDITIONAL REGULATORY INFORMATION

Sara Title III:

Product does not contain toxic chemicals subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 370 and is subject to the requirements of section 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986:

Delayed (Chronic) Health Hazard

WHMIS Classification: Not regulated

TSCA: All of the components for this product are listed on, or are exempted from the requirement to be listed on, TSCA inventory.

DISCLAIMER

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