





**HMIS Classification:**

Health hazard: 1  
Chronic Health Hazard: N/A  
Flammability: 2  
Physical hazards: 0

**NFPA Rating:**

Health Hazard: 1  
Fire: 2  
Reactivity Hazard: 0

**Potential Health Effects**

Inhalation: Inhalation of oil mist or vapors at elevated temperatures may cause respiratory irritation.  
Skin: Potential skin irritant  
Eyes: Potential eye irritant  
Ingestion: No significant health hazard

**[SECTION 3]: COMPOSITION / INGREDIENT INFORMATION**

Synonyms: N/A

The precise composition of this mixture is proprietary information.

A more complete disclosure will be provided to a physician or a nurse in the event of a medical emergency. All components are registered in Chemical Abstracts Service (CAS).

Composition	Proportion % (by volume)	Exposure Limit	Toxicity Data
A Iron Oxide (magnetite)	3 - 15	No Data	No Data
B Oil Soluble Dispersant	6 - 30	No Data	No Data
C Light Hydrocarbon Oil	55 - 91	No Data	No Data

**[SECTION 4]: FIRST AID MEASURES**

Necessary measures to be taken according to route(s) of exposure -

Ingestion: This material has minimal toxicity, but fluid aspirated into lungs during ingestion could cause severe pulmonary injury. Do not induce vomiting; seek medical attention if material is ingested.

Eye contact: Check for contact lenses and remove. Flush with water for at least 15 minutes and consult a physician for treatment.

Skin Contact: Wash with soap and water.

Inhalation of smoke or mist: Move to fresh air and refer to a physician for treatment. If difficulty in breathing is observed, supply oxygen. If inhaled, there are possibilities of dizziness or asphyxiation without special symptoms.

Most important symptoms/effects

Acute: Not established

Delayed: Not established

Indication of immediate medical attention and special treatment needed, if necessary: This product should not cause any significant health issues. Take appropriate action for signs of allergic or sensitivity reaction.

Notes to physicians: This product contains fatty acid dispersant and light paraffinic hydrocarbon oil. If breathing has stopped, try artificial respiration.

**[SECTION 5]: FIRE FIGHTING MEASURES**

Suitable extinguishing media: CO<sub>2</sub>, Foam, dry chemical, water spray (water spray may cause frothing)

Unsuitable extinguishing media: N/A

Specific hazards arising from chemical combustion products: Burning may produce carbon monoxide and nitrogen oxides.

Vapor mixed with air at temperatures above flash point may be explosive. Vapor is heavier than air.

Special protective equipment and precautions for fire-fighters: Respirators, if smoke or vapor is present.

**[SECTION 6]: ACCIDENTAL RELEASE MEASURES**

Steps to be taken in case material is released or spilled

Personal precautions: Remove clothing that may have become contaminated, wash skin thoroughly with soap and lots of water.

Environmental Precautions: Remove free liquid. Add absorbent (sand, earth, sawdust) to spill area. After removing absorbent, wash surface with soap and water to reduce possible slipping hazard. If contamination of ground water is a concern, build a dike to contain spilled fluid, then clean as indicated. Prevent spilled fluid from entering sewers, water courses or low areas.

Methods and materials for containment and cleanup: Consult federal state and local regulations applicable to disposal of waste oil products.

**[SECTION 7]: HANDLING AND STORAGE**

Precautions for safe handling: Ordinary care in handling chemicals. Wash hands after handling.

Conditions for safe storage: Keep in a cool, dark area. If large quantities are stored, ground the storage container to prevent static buildup.

Other precautions: Avoid contamination of food or tobacco products. Users should be aware that a very small percentage of the population may display unexpected allergic skin reactions to otherwise innocuous industrial chemicals and raw materials.

**[SECTION 8]: EXPOSURE CONTROLS / PERSONAL PROTECTION**

OSHA permissible exposure limit (PEL): Not established

ACGIH Threshold Limit Value (TLV): Not established

Any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available: No data

Appropriate engineering controls: Supply adequate ventilation

**Personal Protective Measures/Equipment:**

Respiratory protection: Not required unless smoke, mists or vapors are produced.

Ventilation: No special ventilation required.

Hand protection: Rubber or plastic gloves to prevent prolonged or repeated contact with skin.

Eye protection: Safety glasses recommended if splash is possible.

Other protective equipment: Apron recommended but not required.

**[SECTION 9]: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Black/brown fluid Lower /Upper Explosion Limits: Not established

Odor: Mild, faint Vapor Pressure (kPa @ 20°C): 0.1

Odor Threshold: Not established Vapor Density (Air = 1): 6.4

pH: N/A Density: 1.21 - 1.42 g/cc

Melting/Freezing Point (°C): Not established Water Solubility: Insoluble

Boiling Point (°C): 223 Partition Coefficient: n-octanol/water: No data

Flash Point (°C): 81 Auto-ignition Temperature: 200°C

Evaporation Rate: < 0.1 Decomposition Temp.: No data

Flammability (solid/gas): No data Viscosity: 6 - <12 cP

**SECTION 10]: STABILITY AND REACTIVITY**

Reactivity: No data

Chemical stability: Stable under recommended storage conditions

Possibility of hazardous reactions: No data

Conditions to avoid (e.g. static discharge, shock or vibration): Will evaporate if left open to air. Avoid flame, spark and other ignition sources. Keep away from sewers and bodies of water.

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: In the event of fire, see section 5.

**[SECTION 11]: TOXICOLOGICAL INFORMATION**

Acute Toxicity

Oral LD50

LD50 Oral - No data

Inhalation LC50

LC50 Inhalation - No data

Dermal LD50

LD50 Dermal - No data

Other information on acute toxicity

Skin corrosion/irritation: May cause skin irritation

Serious eye damage/eye irritation: May cause irritation to eyes and/or membranes

Respiratory or skin sensitization: May cause respiratory irritation

Germ cell mutagenicity: No data

Carcinogenicity: No data

IARC: No data

NTP: No data

OSHA: No data

Reproductive Toxicity: No data

Teratogenicity: No data

Specific target organ toxicity - single exposure (Globally Harmonized System): No data

Specific target organ toxicity - repeated exposure (Globally Harmonized System): No data

Aspiration hazard: No data

Specific target organ toxicity - repeated exposure (Globally Harmonized System): No data

Aspiration hazard: No data

**Potential health effects**

Inhalation: Slight irritation

Ingestion: May cause slight irritation if aspirated during swallowing

Skin: Slight irritation

Eyes: Slight irritation