

Material Safety Data Sheet

Effective Date: 15-MAY-2014
Product: GROUNDED

I. IDENTIFICATION

Chemical Name: Nonionic Oil Concentrate
Chemical Family: Oil Surfactants
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: 64741-88-4; 64741-89-5
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: 625 to 830 Degrees F.
Freezing Point: <32 Degrees F.
Spec Gravity: 0.882 g/ml
Vapor Pressure: 0.0001 mmHg
Vapor Density: 10+
Solubility: Dispersible
Volatiles: <1%
Evaporation: 1000X
Melting Point: >10 Degrees F.
Appearance: Clear blue liquid, mineral oil odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of surfactants and aliphatic hydrocarbons.		100.00	5 mg/m3	Mild skin & eye irritant.

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 Degrees F.
Autoignition Temp: 670 Degrees F. (est)
Flammable Limit: Not determined
Extinguishing Media: Use water fog, foam, dry chemical and carbon dioxide extinguishing agents.
Special Fire Fight Proc: Wear a positive-pressure, self-contained breathing apparatus and full protective clothing when fighting fires in an enclosed area.
Fire and Expl Hazard: Product can be made to burn even though flash point is greater than 200 Degrees F.

Material Safety Data Sheet

Effective Date: 15-MAY-2014
Product: GROUNDED

V. HEALTH HAZARD

Carcinogen Information: None currently known.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Low toxicity; Acute Oral LD50 (rat) > 5,010 mg/kg. Pulmonary aspiration hazard if swallowed and/or vomiting occurs; can enter lungs and cause damage.

Skin Absorption: Low toxicity; Acute Dermal LD50 (rabbit) > 2,020 mg/kg.

Inhalation: No hazard expected.

Skin contact: Moderate skin irritation may occur. Removes natural oils and fats from skin with prolonged or repeated contact.

Eye Contact: Contact with eyes may cause mild irritation.

Chronic Effects: Excessive exposures may cause irritation to the eyes, nose and throat.

Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Do not induce vomiting. Do not give liquids. Obtain emergency medical attention. Small amounts which incidentally enter the mouth should be rinsed out until taste is gone.

Skin: Wash contaminated area with soap and water. If irritation develops, consult a physician.

Inhalation: Move to fresh air. Consult a physician if irritation persists.

Eyes: Flush eyes with water for at least 15 minutes, holding the eyelids open. If irritation develops, consult a physician.

Notes to Physician: In the event of an adverse response, treatment should be directed toward control of the symptoms. This product presents a pulmonary aspiration hazard if swallowed and/or vomiting occurs; aspirated material can cause lung damage.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: None currently known.
Polymerization: Will Not Occur

Material Safety Data Sheet

Effective Date: 15-MAY-2014
Product: GROUNDED

Conditions to Avoid: None currently known.
Incompatibility material: Avoid contact with alkalies and strong oxidizers.
Hazardous Combustion: May produce oxides of carbon and asphyxiants under fire conditions.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Clean up spills with an oil absorbent material, such as clay, sand or sawdust. Spill area will be quite slippery. Place contaminated material in a recovery or salvage drum for proper disposal.
Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: Use only NIOSH-certified respiratory protection. None needed unless product is heated or misted.
Ventilation: Ventilate as needed to comply with exposure limits.
Gloves: Impervious gloves.
Eyes: Splashproof goggles.
Other: Eyewash station, impervious apron and footwear.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams, ponds or drains. Do not store near heat or open flames. Do not store with oxidizing agents or ammonium nitrate fertilizer. Keep container closed; do not allow water to be introduced into container contents.
Other precaution: None currently known.

X. SHIPPING INFORMATION

