

Material Safety Data Sheet

Effective Date: 19-DEC-2005
Product: GROUNDED-CA

I. IDENTIFICATION

Chemical Name: Nonionic Oil Concentrate
Chemical Family: Oil Surfactants
Formula: Not applicable, formulated mixture.
Synonyms: Crop Oil Concentrate
CAS Number: Not applicable, formulated mixture.
EPA Number: CA Reg. No. 5905-50096-AA

II. PHYSICAL DATA

Boiling Point: 625 to 830 Degrees F.
Freezing Point: <32 Degrees F.
Spec Gravity: 0.882 gms/cc
Vapor Pressure: 0.0001 mm/Hg
Vapor Density: 10+
Solubility: Dispersible
Volatiles: <1%
Evaporation: 1000x
Melting Point: >10 Degrees F.
Appearance: Clear blue liquid with mineral oil odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of surfactants and aliphatic hydrocarbons (CAS No. 64741-88-4 and 64741-89-5).		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 self-contained breathing apparatus and full protective clothing.
Fire and Expl Hazard: Can be made to burn, although Flash Point is greater than 200 Degrees F.

V. HEALTH HAZARD

Material Safety Data Sheet

Effective Date: 19-DEC-2005
Product: GROUNDED-CA

Carcinogen Information: None currently known.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Low toxicity with an Acute Oral LD50 (rat) > 5,010 gm/kg. If swallowed and/or vomiting occurs, there is a pulmonary aspiration hazard if material enters lungs and causes damage.
Skin Absorption: Low toxicity with an Acute Dermal LD50 (rabbit) > 2,020 gm/kg.
Inhalation: No hazard expected.
Skin contact: Moderate skin irritation can occur with contact. This material may remove natural oils and fats from skin after prolonged or repeated contact.
Eye Contact: Direct 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 give liquids or induce vomiting, unless instructed to do so by a medical professional. Immediately call a physician or poison control center. Small amounts which may enter the mouth should be rinsed away with water until the taste is gone.
Skin: Remove contaminated clothing. Rinse affected area immediately with water, continuing for 15-20 minutes. Call a poison control center or physician for further treatment advice.
Inhalation: Move to fresh air. Consult a physician if irritation develops.
Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or physician for further treatment advice.
Notes to Physician: In the event of an adverse response, treatment should be directed toward control of the symptoms. Pulmonary aspiration may occur if swallowed and/or vomiting occurs; contains aliphatic hydrocarbons/petroleum distillates.

Material Safety Data Sheet

Effective Date: 19-DEC-2005
Product: GROUNDED-CA

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: None currently known.
Polymerization: Will Not Occur
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. Use caution as the spill area will be quite slippery. Place contaminated material in a chemical 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-approved respiratory protection. Respiratory protection not needed unless product is heated or misted.
Ventilation: Good general ventilation should be sufficient.
Gloves: Impervious.
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 or ponds with this material. Do not store with oxidizing agents or ammonium nitrate fertilizer. Keep container tightly closed when not in use. Do not allow water to be introduced to container contents.

Helena Chemical Company
PH: 901-761-0050
CHEMTREC: 800-424-9300

17-MAR-2006 06:25:58
Page 4 Of 4

Material Safety Data Sheet

Effective Date: 19-DEC-2005
Product: GROUNDED-CA

Other precaution: Spills of this material into any waterways may
be reportable under Federal or State
regulations.

X. SHIPPING INFORMATION

Shipping name: Not regulated by DOT, IATA or IMDG.
Hazard Class: None
Identification No: None
Labels Required: None required
Placarding: None
Freight Class: Adhesive, Adjuvant, Spreader or Sticker,
Liquid, NOIBN (NMFC Item 4610, Class 60)
Chemical Name Equivalent R.Q.

Not applicable Not applicable

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 1 Fire: 1 Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y Delayed (Chronic) Health: N
Sudden Release of pressure: N Fire: N
Reactive: N

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017
Helena Chemical Company believes that the data contained herein is factual.
This data is not to be taken as a warranty or representation of legal
responsibility. It is offered solely for your consideration, investigation
and verification.