



# Safety Data Sheet

Report Date 08-Apr-15

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## 1. Identification

**Product Name** : GROUNDED-W  
**Synonyms** : None  
**Product Use** : Oil Surfactant  
**Manufacturer/Supplier** : Helena Chemical Company  
**Address** : 225 Schilling Blvd. Collierville, TN 38017  
**General Information** : 901-761-0050  
**Transportation Emergency Number** : CHEMTREC:800-424-9300

## 2. Hazard Identification

**Signal Word** : Warning (no symbol)  
**Skin Irritation** : Primary dermal irritation score=0.0; non-irritating  
**Eye Irritation** : No positive effects <2.0; practically non-irritating  
**Acute Toxicity Oral** : LD50 >5,000 mg/kg (rat)  
**Acute Toxicity Dermal** : LD50 >5,050 mg/kg (rabbit) on intact skin

**Hazard Categories** : Oral/Dermal/Inhalation Toxicity - 5/5/5; Eye Irritation - 2B; Skin Irritation - 3

**Hazard Statement** : May be harmful if swallowed  
May be harmful in contact with skin  
Causes eye irritation  
Causes mild skin irritation  
May be harmful if inhaled

## 3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Mineral Oil	8012-95-1	85
Polyoxyethylene Sorbitan Fatty Acid Esters, Sorbitan Fatty Acid Esters		15

## 4. First Aid Measures

**Eye** : 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.

**Skin** : Remove contaminated clothing. Rinse affected area immediately with water, continuing for 15 to 20 minutes. Call a poison control center or physician for further treatment advice.

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

**Ingestion** : Do not give liquids to drink or induce vomiting, unless instructed to do so by a medical professional. Immediately call a physician or poison control center. Small amounts which enter the mouth should be rinsed away with water until the taste is gone.

**Indication of Immediate Medical Attention and Special Treatment Needed** : Treatment should be directed toward control of the symptoms. Pulmonary aspiration may occur if swallowed and/or vomiting occurs; contains aliphatic hydrocarbons.

## 5. Fire Fighting Measures

**Extinguishing Media** : Use water fog, foam, dry chemical and carbon dioxide extinguishing agents.  
**Specific Hazards Arising from the Chemical** : Although flash point is >200 degrees F., product can be made to burn.



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**Special Fire Fight Proc** : Wear self-contained breathing apparatus and full protective clothing.

### 6. Accidental Release Measures

- Personal Precautions** : Keep unprotected and unnecessary personnel out of spill area. Use caution as the spill area will be quite slippery.
- Protective Equipment** : Splashproof goggles or face shield, impervious apron and footwear. If product is heated or misted, use NIOSH-approved respiratory protection. Eyewash and shower should be available in work area.
- Emergency Procedures** : Do not contaminate water supplies, lakes, streams or ponds. Spills may be reportable to the National Response Center if waters are impacted.
- Methods and Materials for Containment and Cleanup** : Clean up spills with an oil-absorbent material, such as clay, sand or sawdust. Place contaminated material in a chemical salvage drum for proper disposal.

### 7. Handling and Storage

- Precautions for Safe Handling** : Keep product locked up and out of reach of children. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or smoking tobacco.
- Conditions for Safe Storage** : Store in original container only. Do not contaminate water, food or feed by storage or handling. Do not store near heat or open flame. Do not store with oxidizing agents or ammonium nitrate.

### 8. Exposure Controls / Personal Protection

- TLV/PEL** : Mineral Oil TLV = 5 mg/m<sup>3</sup>, inhalable fraction
- Appropriate Engineering Controls** : Good general ventilation should be sufficient.
- Personal Protective Equipment** : Splashproof goggles or face shield, impervious apron and footwear. If product is heated or misted, use NIOSH-approved respiratory protection. Eyewash and shower should be available in work area.

### 9. Physical and Chemical Properties

- Odor/Appearance** : Clear, blue liquid with mineral oil odor.
- Flash Point, °F** : >200 Degrees F.
- Boiling Point, °F** : Not determined
- Melting Point(Freezing point), °C** : Not applicable
- Vapor Pressure, mm Hg @ 20 °C** : Not determined
- Vapor Density** : Not determined
- Solubility in Water** : Dispersible
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 0.872-0.892
- Evaporation Rate(Butyl Acetate = 1)** : 1000X
- Octanol/Water Partition Coefficient** : No information found
- pH** : Non-aqueous
- Flammable Limits (approximate volume % in air)** : Not determined
- Auto-ignition Temperature** : Not determined
- Decomposition temperature** : No information found



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### 10. Stability and Reactivity

- Reactivity** : No information found
- Chemical Stability** : Stable
- Hazardous Decomposition Products** : May produce oxides of carbon and asphyxiants under fire conditions.
- Hazardous Polymerization** : Will not occur
- Conditions to Avoid** : Avoid contact with alkalies and strong oxidizers.
- Incompatible Materials** : Alkalies and strong oxidizers

### 11. Toxicological Information

- Acute Toxicity (Oral LD50)** : >5,000 mg/kg (rat)
- Acute Toxicity (Dermal LD50)** : >5,050 mg/kg (rabbit) on intact skin
- Acute Toxicity Inhalation LC50** : >2.17 mg/L (vapor limit)
- Likely Routes of Exposure** : Skin and eyes.
- Skin Irritation** : Primary dermal irritation score=0.0; non-irritating
- Eye Irritation** : No positive effects < 2.0 score; practically non-irritating
- Skin Sensitization** : Not a sensitizer
- Carcinogenic** : None currently known.
- Chronic Effects** : No information found
- Other Hazards** : No information found

### 12. Ecological Information

- Ecotoxicity** : No information found
- Persistence and Degradability** : No information found
- Bioaccumulative Potential** : No information found
- Mobility in Soil** : No information found
- Other Adverse Effects** : No information found

### 13. Disposal Considerations

- Waste Disposal Method** : This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

### 14. Transport Information

- UN Proper Shipping Name** : Not regulated by DOT, IATA or IMDG.
- Transport Hazard Class** : None
- UN Identification Number** : None
- Packaging Group** : None
- Environmental Hazards** : No information found
- Transport in Bulk** : No information found
- Special Precautions for Transportation** : No information found
- Freight Classification** : Adhesives, Adjuvants, Spreaders or Stickers, N.O.I. (NMFC Item 42652, Class 60)

### 15. Regulatory Information



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**National Fire Protection Association Rating :**

Health: 1 Fire: 1 Reactivity: 0  
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

**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

### 16. Other Information

Data of Preparation/Revision : 08-April-2015