Safety Data Sheet

1. Identification

Product Name : GROUNDED
Synonyms : None
Product Use : Spray Adjuvant
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 : Causes mild irritation with prolonged or repeated contact
Eye Irritation : Practically non-irritating
Acute Toxicity Oral : LD50 (rat) >5,000 mg/kg
Acute Toxicity Dermal : LD50 (rat) >5,050 mg/kg

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

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

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Blend of Aliphatic Hydrocarbons, Hexahydric Alcohol Ethoxylates and C18-C20 Fatty Acids and Alkanolamides	Proprietary	99.00
Other ingredients	Nonhazardous	1.00

4. First Aid Measures

Eye : Flush eyes with water for at least 15 minutes, holding the eyelids open. If irritation develops or persists, consult a physician.
Skin : Remove contaminated clothing and wash skin with soap and water. If irritation develops or persists, consult a physician.
Inhalation : Move to fresh air and call a physician if irritation develops or persists.
Ingestion : Do not induce vomiting. Obtain emergency medical attention. Small amounts which incidentally enter the mouth should be rinsed out until taste is gone.
Indication of Immediate Medical Attention and Special Treatment Needed : There is no specific antidote. Treat symptomatically. If contact is made with the spray solution containing pesticides, follow the "Statement of Practical Treatment/First Aid" on the pesticide label.

5. Fire Fighting Measures

Extinguishing Media : Use water fog, foam, dry chemical and carbon dioxide extinguishing agents.
Specific Hazards Arising from the Chemical : Product can be made to burn even though flash point is greater than 200 Degrees F.
Special Fire Fight Proc : Wear a positive-pressure, self-contained breathing apparatus and full protective clothing when fighting fires in an enclosed area.

6. Accidental Release Measures

Personal Precautions	: Keep unprotected and unnecessary personnel away from spill area.
Protective Equipment	: Impervious gloves, splashproof goggles or face shield, impervious apron and footwear. Eyewash station should be available. Use NIOSH-approved respiratory protection if product is heated or misted.
Emergency Procedures	: Do not contaminate water supplies, lakes, streams, ponds or drains with spilled material.
Methods and Materials for Containment and Cleanup	: 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.

7. Handling and Storage

Precautions for Safe Handling	: Do not allow water to be introduced into the contents of this container. Do not contaminate water sources by cleaning of equipment or disposal of rinse water.
Conditions for Safe Storage	: Store in original container only. Keep container tightly closed. Do not store with oxidizing agents or ammonium nitrate.

8. Exposure Controls / Personal Protection

TLV/PEL	: No information found
Appropriate Engineering Controls	: Ventilate as needed.
Personal Protective Equipment	: Impervious gloves, splashproof goggles or face shield, impervious apron and footwear. Eyewash station should be available. Use NIOSH-approved respiratory protection if product is heated or misted.

9. Physical and Chemical Properties

Odor/Appearance	: Clear blue liquid, mineral oil odor.
Flash Point, ^{0}F	: >200 Degrees F.
Boiling Point, ^{0}F	: 625 to 830 Degrees F.
Melting Point(Freezing point), ^{0}C	: <32 Degrees F.
Vapor Pressure, mm Hg @ 20 ^{0}C	: 0.0001 mmHg
Vapor Density	: 10+
Solubility in Water	: Dispersible
Molecular Formula	: Not applicable, formulated mixture.
Density, g/mL @ 25 ^{0}C	: 0.872-0.892
Evaporation Rate(Butyl Acetate = 1)	: 1000X
Octanol/Water Partition Coefficient	: No information found
pH	: Not applicable, non-aqueous
Flammable Limits (approximate volume % in air)	: Not determined
Auto-ignition Temperature	: 670 Degrees F. (est)
Decomposition temperature	: No information found

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	: Avoid contact with alkalies and strong oxidizers.

11. Toxicological Information

Acute Toxicity (Oral LD50)	: >5,000 mg/kg (rat)
Acute Toxicity (Dermal LD50)	: >5,050 mg/kg (rat)
Acute Toxicity Inhalation LC50	: >2.17 mg/L (rat) (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 skin sensitizer.
Carcinogenic	: None currently known.
Chronic Effects	: Prolonged or repeated skin contact with skin oils, possibly leading to irritation and dermatitis; however, based on human experience and available toxicity data, this product is judged to be neither "corrosive" nor an "irritant" by OSHA criteria.
Other Hazards	: None currently known.

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

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 : 13-February-2017