



Safety Data Sheet

Report Date 01-Jun-15

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1. Identification

Product Name : SPRET
Synonyms : None
Product Use : Nonionic Wetter/Spreader 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
Skin Irritation : Moderately irritating; PDII=2.8 (rabbit)
Eye Irritation : Mildly irritating; Severity of irritation, 72 hours=0.0 (rabbit)
Acute Toxicity Oral : LD50 >5,000 mg/kg (rat)
Acute Toxicity Dermal : LD50 >5,000 mg/kg (rabbit)

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

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

3. Composition / Information on Ingredients

| Component | CAS Number | Weight % |
|---|-------------|----------|
| Nonionic surfactants and humectants | Proprietary | 90.00 |
| Constituents ineffective as an adjuvant | Proprietary | 10.00 |

4. First Aid Measures

Eye : Flush eyes with water for at least 15 minutes, holding eyelids open. Seek medical treatment if irritation develops or persists.

Skin : Wash affected area with plenty of soap and water. If irritation persists, seek medical treatment.

Inhalation : Remove to fresh air. If irritation develops, consult a physician.

Ingestion : Do not induce vomiting as this may cause aspiration. Drink two to four glasses of water. Seek immediate medical attention.

Indication of Immediate Medical Attention and Special Treatment Needed : In the event of an adverse response, treatment should be directed toward control of the symptoms.

5. Fire Fighting Measures

Extinguishing Media : Use foam, water fog, dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents.



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- Specific Hazards Arising from the Chemical** : May produce smoke, carbon monoxide, sulfur oxides and other decomposition products under fire conditions.
- Special Fire Fight Proc** : Wear self-contained breathing apparatus and full protective clothing. Do not allow firefighting waters to contaminate water supplies, lakes, streams or ponds.

6. Accidental Release Measures

- Personal Precautions** : Minimize skin contact. Keep unprotected and unnecessary personnel out of spill area.
- Protective Equipment** : Chemical resistant gloves, splashproof goggles or face shield, impervious apron and footwear. Eyewash station and emergency shower should be available in work area. Use NIOSH-approved respiratory protection in confined spaces, if needed.
- Emergency Procedures** : Recover free product, if possible. Prevent material from entering sewers or waterways.
- Methods and Materials for Containment and Cleanup** : Add sand, earth or other suitable absorbent to spill area. Containerize collected material and absorbent for proper disposal.

7. Handling and Storage

- Precautions for Safe Handling** : Keep container tightly closed. Keep locked up and out of reach of children. Do not allow water to be introduced into the contents of this container. May freeze at temperatures below 20 Degrees F but should recover at higher temperatures.
- Conditions for Safe Storage** : Store in original container only. Do not store near heat or open flame. Do not store with oxidizing agents or ammonium nitrate.

8. Exposure Controls / Personal Protection

- TLV/PEL** : Not established for mixture.
- Appropriate Engineering Controls** : Local exhaust when vapors or mists are emitted.
- Personal Protective Equipment** : Chemical resistant gloves, splashproof goggles or face shield, impervious apron and footwear. Eyewash station and emergency shower should be available in work area. Use NIOSH-approved respiratory protection in confined spaces, if needed.

9. Physical and Chemical Properties

- Odor/Appearance** : Clear to light yellow liquid; alcohol odor.
- Flash Point, °F** : >200 Degrees F.
- Boiling Point, °F** : Not determined
- Melting Point(Freezing point), °C** : Not determined
- Vapor Pressure, mm Hg @ 20 °C** : Not determined
- Vapor Density** : 2.1
- Solubility in Water** : Soluble
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 0.874-0.894
- Evaporation Rate(Butyl Acetate = 1)** : Not applicable
- Octanol/Water Partition Coefficient** : No information found
- pH** : 3.6-4.6
- Flammable Limits (approximate volume % in air)** : Not determined



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Auto-ignition Temperature : Not determined
Decomposition temperature : No information found

10. Stability and Reactivity

Reactivity : No information found
Chemical Stability : Stable
Hazardous Decomposition : May produce oxides of carbon under fire conditions.
Products
Hazardous Polymerization : Will not occur
Conditions to Avoid : Excessive temperatures and open flames.
Incompatible Materials : None currently known

11. Toxicological Information

Acute Toxicity (Oral LD50) : >5,000 mg/kg (rat)
Acute Toxicity (Dermal LD50) : >5,000 mg/kg (rabbit)
Acute Toxicity Inhalation LC50 : >2.10 mg/L (rat)
Likely Routes of Exposure : Skin and eyes
Skin Irritation : Moderately irritating; PDII=2.8 (rabbit)
Eye Irritation : Mildly irritating; severity of irritation 72 hrs=0.0 (rabbit)
Skin Sensitization : No information found
Carcinogenic : Not listed by IARC, NTP or OSHA.
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)



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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 : 01-June-2015