



Safety Data Sheet

Report Date 21-Apr-15

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1. Identification

Product Name : Ad-Spray SC
Synonyms : None
Product Use : Wetting Agent
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 : Danger
Skin Irritation : Causes mild skin irritation
Eye Irritation : Causes serious eye damage
Acute Toxicity Oral : LD50 >5,000 mg/kg (rat)
Acute Toxicity Dermal : LD50 >5,000 mg/kg (rabbit)

Hazard Categories : Eye Irritation-1; Skin Irritation-3; Oral/Dermal/Inhalation Toxicity-5/5/5; Combustible-4

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

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Ammonium Lauryl Sulfate	2235-54-3	25
n-Butanol	71-36-3	7
Glycerine	56-81-5	3
Inert ingredients	Proprietary	65

4. First Aid Measures

Eye : Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Seek medical attention.

Skin : Remove contaminated clothing. Wash skin thoroughly with soap and water. Do not use solvents or thinners. Seek medical attention if irritation persists or develops.

Inhalation : Remove to fresh air. Keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. Obtain medical attention.

Ingestion : If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do not induce vomiting. Obtain immediate medical attention.

Indication of Immediate Medical Attention and Special Treatment Needed : Treat symptomatically.

5. Fire Fighting Measures



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- Extinguishing Media** : Use alcohol-resistant foam, carbon dioxide, dry powder or water spray. Do not use water jet.
- Specific Hazards Arising from the Chemical** : Irritating or toxic substances may be emitted upon thermal decomposition. Thermal decomposition products may include oxides of carbon, nitrogen, sulfur as well as smoke and fumes.
- Special Fire Fight Proc** : Evacuate area. Wear self-contained breathing apparatus and full protective clothing. Remove sources of ignition.

6. Accidental Release Measures

- Personal Precautions** : Remove sources of ignition. In case of a major spill or spillage in a confined area, evacuate and check that solvent vapor levels are below the lower explosive limit before re-entering.
- Protective Equipment** : Splashproof goggles or face shield, overalls which cover the body, arms and legs. Use NIOSH-approved respirator when needed. Eyewash and safety shower should be available in work area.
- Emergency Procedures** : Do not allow spills to enter drains or watercourses. Ventilate the area and avoid breathing vapors.
- Methods and Materials for Containment and Cleanup** : Contain and absorb spillage with non-combustible materials, e.g., sand, earth, vermiculite. Place in closed containers. Clean spill area with detergent. Do not use solvents. Collect wash water and place in containers with collected product.

7. Handling and Storage

- Precautions for Safe Handling** : Handle containers carefully to prevent damage and spillage. Do not get in eyes, on skin or on clothing. Do not breathe vapors or mists. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking or smoking. Remove contaminated clothing and clean before reuse. Destroy contaminated belts and shoes and other items that cannot be decontaminated.
- Conditions for Safe Storage** : Store in tightly closed containers in dry, well-ventilated area away from excessive heat and incompatibles. Ground lines and equipment used during transfer to reduce the possibility of static spark-initiated fire or explosion. Store at ambient or lower temperature; keep cool. Store out of direct sunlight. Keep containers tightly closed and upright when not in use. Protect containers against physical damage.

8. Exposure Controls / Personal Protection

- TLV/PEL** : No information found
- Appropriate Engineering Controls** : Provide adequate ventilation.
- Personal Protective Equipment** : Splashproof goggles or face shield, overalls which cover the body, arms and legs. Use NIOSH-approved respirator when needed. Eyewash and safety shower should be available in work area.

9. Physical and Chemical Properties

- Odor/Appearance** : Viscous, clear, colorless liquid; butanol odor.
- Flash Point, °F** : 174 Degrees F.
- Boiling Point, °F** : No established limit
- Melting Point(Freezing point), °C** : Not measured
- Vapor Pressure, mm Hg @ 20 °C** : Not measured
- Vapor Density** : Heavier than air



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Solubility in Water : Not measured
Molecular Formula : Not applicable, formulated mixture.
Density, g/mL @ 25 °C : 1.000-1.020
Evaporation Rate(Butyl Acetate = 1) : Not measured
Octanol/Water Partition Coefficient : Not measured
pH : 6.0-7.0
Flammable Limits (approximate volume % in air) : No information found
Auto-ignition Temperature : No information found
Decomposition temperature : Not measured

10. Stability and Reactivity

Reactivity : No data available
Chemical Stability : Stable
Hazardous Decomposition Products : Oxides of carbon, nitrogen and sulfur.
Hazardous Polymerization : Will not occur.
Conditions to Avoid : Strong acids, bases, strong oxidizers. Extreme heat/open flame/sparks and other sources of ignition.
Incompatible Materials : Strong acids, bases, strong oxidizers.

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 : No data available
Likely Routes of Exposure : Eyes and skin
Skin Irritation : Causes mild skin irritation
Eye Irritation : Causes serious eye damage
Skin Sensitization : Not applicable
Carcinogenic : Not listed by IARC, NTP or OSHA.
Chronic Effects : Not applicable
Other Hazards : CA Prop 65: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. (contains <0.1% formaldehyde)

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.



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14. Transport Information

UN Proper Shipping Name : Not regulated by DOT, IATA or IMDG. Regulated as "combustible liquid" by DOT in bulk packages only.
Transport Hazard Class : None
UN Identification Number : None
Packaging Group : None
Environmental Hazards : Not a marine pollutant
Transport in Bulk : DOT - NA1993, Combustible Liquid, n.o.s. (butanol, dipropylene glycol methyl ether), PG III "ERG # 128"
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: 2 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: Y
Reactive: N

16. Other Information

Data of Preparation/Revision : 21-April-2015