



Safety Data Sheet

Report Date 28-May-15

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1. Identification

Product Name : AdSpray 80
Synonyms : None
Product Use : Nonionic 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 : Prolonged skin contact may cause mild irritation.
Eye Irritation : Direct eye contact with liquid may cause irritation.
Acute Toxicity Oral : No data available
Acute Toxicity Dermal : No data available

Hazard Categories : Eye/Skin irritation - 2B/3; Oral/Dermal/Inhalation Toxicity - 5/5/5;
Combustible Liquid - 4

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

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Alkylphenol Ethoxylate, 1,2-Propane Diol, and Alcohol Ethoxylate	Proprietary	80.00
Other ingredients	Nonhazardous	20.00

4. First Aid Measures

Eye : Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin : Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation : Move person to fresh air. If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth, if possible.

Ingestion : Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth if unconscious.

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

5. Fire Fighting Measures

Extinguishing Media : Use water spray, foam solution or carbon dioxide extinguishing agents.



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Specific Hazards Arising from the Chemical : Can be dangerous when exposed to extreme heat and flame. Do not breathe mist/vapors/spray.
Special Fire Fight Proc : Wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

Personal Precautions : Isolate area. Keep unprotected and unnecessary personnel out of spill area.
Protective Equipment : Chemical goggles or face shield, boots, apron or full body suit, nitrile or rubber gloves. Use NIOSH-approved respirator when needed. Safety shower should be available in work area.
Emergency Procedures : Keep upwind of spill. Spilled material may cause a slipping hazard. Ventilate area of leak or spill.
Methods and Materials for Containment and Cleanup : Stop the flow of material, if this is without risk. Collect and dispose of spillage properly. Prevent entry into waterways, sewers, basements or confined areas.

7. Handling and Storage

Precautions for Safe Handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and again before leaving work. Handle in accordance with good industrial hygiene and safety procedures.
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 : No information found
Appropriate Engineering Controls : Local exhaust ventilation may be needed.
Personal Protective Equipment : Chemical goggles or face shield, boots, apron or full body suit, nitrile or rubber gloves. Use NIOSH-approved respirator when needed. Safety shower should be available in work area.

9. Physical and Chemical Properties

Odor/Appearance : Slightly hazy amber liquid with alcohol odor.
Flash Point, °F : 175 to 180 Degrees F.
Boiling Point, °F : 212 Degrees F.
Melting Point(Freezing point), °C : <40 Degrees F.
Vapor Pressure, mm Hg @ 20 °C : No information found
Vapor Density : No information found
Solubility in Water : Soluble
Molecular Formula : Not applicable, formulated mixture.
Density, g/mL @ 25 °C : 1.024-1.060
Evaporation Rate(Butyl Acetate = 1) : No information found
Octanol/Water Partition Coefficient : No information found
pH : 5.0-7.0
Flammable Limits (approximate volume % in air) : No information found
Auto-ignition Temperature : Not available
Decomposition temperature : No information found



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10. Stability and Reactivity

- Reactivity** : No information found.
- Chemical Stability** : Stable
- Hazardous Decomposition** : Carbon monoxide and asphyxiants may be emitted under fire conditions.
- Products**
- Hazardous Polymerization** : Will not occur
- Conditions to Avoid** : Avoid extreme temperatures.
- Incompatible Materials** : Store away from oxidizers.

11. Toxicological Information

- Acute Toxicity (Oral LD50)** : Alcohol ethoxylate >1,300 mg/kg (rat)
- Acute Toxicity (Dermal LD50)** : Alkylphenol ethoxylate 2 g/kg (rabbit)
- Acute Toxicity Inhalation LC50** : No information found
- Likely Routes of Exposure** : Skin and eyes.
- Skin Irritation** : Mild skin irritation
- Eye Irritation** : Eye irritation
- Skin Sensitization** : No data available
- Carcinogenic** : No data available
- Chronic Effects** : No information found
- Other Hazards** : No information found

12. Ecological Information

- Ecotoxicity** : Alcohol ethoxylate and Alkylphenol ethoxylate LC50 Algae > 1 mg/L (72-hour exposure time); EC50 Daphnia > 1 mg/L (48 hour exposure time); LC50 Fish > 1 mg/L (96 hour exposure time)
- Persistence and Degradability** : Not established
- Bioaccumulative Potential** : Not established
- Mobility in Soil** : Not available
- Other Adverse Effects** : Avoid release to open bodies of water.

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 in non-bulk packages. Not regulated by IATA or IMDG. For DOT bulk packages, ship as Combustible Liquid, n.o.s., (Alcohol Ethoxylate/Alkylphenol Ethoxylate)
- Transport Hazard Class** : None
- UN Identification Number** : None
- Packaging Group** : None
- Environmental Hazards** : No information found
- Transport in Bulk** : Bulk DOT packages, ship as NA1993, Combustible Liquid, n.o.s., (Alcohol Ethoxylate/Alkylphenol Ethoxylate), 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)



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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 : 28-May-2015