



Safety Data Sheet

Report Date 30-May-15

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1. Identification

Product Name : LASTICK, HELENA
Synonyms : None
Product Use : Nonionic 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 : None (no symbol)
Skin Irritation : No hazard expected
Eye Irritation : No hazard expected
Acute Toxicity Oral : No hazard expected
Acute Toxicity Dermal : No hazard expected

Hazard Categories : Not classified as hazardous under 29 CFR 1910.1200.
Hazard Statement : Not Hazardous

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Proprietary blend of di-1-Menthene	Proprietary	96.00
Inert ingredients	Nonhazardous	4.00

4. First Aid Measures

Eye : Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further 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 person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
Ingestion : Call a poison control center or doctor immediately for treatment advice. Rinse mouth with water. Do not induce vomiting. Do not give anything by mouth if unconscious.
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 : Water fog, foam, dry chemical, and carbon dioxide.
Specific Hazards Arising from the Chemical : Can be made to burn (flash point 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



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- Personal Precautions** : Keep unprotected and unnecessary personnel out of spill area.
- Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.
- Emergency Procedures** : Spill area will be quite slippery.
- 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 recovery or salvage drums for proper disposal.

7. Handling and Storage

- Precautions for Safe Handling** : Keep locked up and out of reach of children. Do not contaminate water, food or feed by storage, handling or disposal. Keep container tightly closed. Do not allow water to be introduced into the contents of the container.
- 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 TLV or PEL for this mixture.
- Appropriate Engineering Controls** : Normal exhaust is sufficient.
- Personal Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash and emergency shower should be available in work area.

9. Physical and Chemical Properties

- Odor/Appearance** : Clear amber viscous liquid, slight polyether odor.
- Flash Point, °F** : >200 Degrees F.
- Boiling Point, °F** : Unknown
- Melting Point(Freezing point), °C** : Unknown
- Vapor Pressure, mm Hg @ 20 °C** : Unknown
- Vapor Density** : Unknown
- Solubility in Water** : Soluble
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 0.939-0.967
- Evaporation Rate(Butyl Acetate = 1)** : Slower than butyl acetate
- Octanol/Water Partition Coefficient** : No information found
- pH** : 5.5 to 7.5
- Flammable Limits (approximate volume % in air)** : Not applicable
- Auto-ignition Temperature** : Not determined
- Decomposition temperature** : No information found

10. Stability and Reactivity

- Reactivity** : No information found
- Chemical Stability** : Stable
- Hazardous Decomposition Products** : Oxides of carbon
- Hazardous Polymerization** : Will not occur



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Conditions to Avoid : None known
Incompatible Materials : None known

11. Toxicological Information

Acute Toxicity (Oral LD50) : No hazard expected
Acute Toxicity (Dermal LD50) : No hazard expected
Acute Toxicity Inhalation LC50 : No hazard expected
Likely Routes of Exposure : Not hazardous by any route of exposure.
Skin Irritation : No hazard expected
Eye Irritation : No hazard expected
Skin Sensitization : Not a skin sensitizer
Carcinogenic : None currently known.
Chronic Effects : None currently known.
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 (air), or IMDG (water).
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: 0 Fire: 0 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: N
Delayed (Chronic) Health: N



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Sudden Release of N
Pressure:
Fire: N
Reactive: N

16. Other Information

Data of Preparation/Revision : 30-May-2015