



Safety Data Sheet

Report Date 02-May-17

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1. Identification

Product Name : STRIKE ZONE LC
Synonyms : None
Product Use : 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
Skin Irritation : Causes mild skin irritation.
Eye Irritation : Causes serious eye irritation.
Acute Toxicity Oral : LD50 data not available
Acute Toxicity Dermal : LD50 data not available

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

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

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Polyethoxylated Hydroxyl Aliphatics and Carbohydrate Polymers	Proprietary	95.0
Non-functional ingredients	Non-hazardous	5.0

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



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Extinguishing Media : Use extinguishing agents suitable for underlying cause of fire.
Specific Hazards Arising from the Chemical : No information found
Special Fire Fight Proc : Wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

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 : Dike spilled product to minimize spreading.
Methods and Materials for Containment and Cleanup : Cover spilled liquid with inert absorbent, such as clay, sand or vermiculite. Scoop up absorbent and place in suitable containers 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 information found
Appropriate Engineering Controls : Use good general ventilation.
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 : Pale yellow opaque liquid; no odor information.
Flash Point, °F : Not flammable
Boiling Point, °F : No information available
Melting Point(Freezing point), °C : No information available
Vapor Pressure, mm Hg @ 20 °C : No information available
Vapor Density : No information available
Solubility in Water : Dispersible
Molecular Formula : Not applicable, formulated mixture.
Density, g/mL @ 25 °C : 1.155-1.165 (at 25 Degrees C)
Evaporation Rate(Butyl Acetate = 1) : No information available
Octanol/Water Partition Coefficient : No information available
pH : 4.0 to 6.5 (0.125%)
Flammable Limits (approximate volume % in air) : No information available.
Auto-ignition Temperature : No information found
Decomposition temperature : No information available



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10. Stability and Reactivity

- Reactivity** : Not reactive
- Chemical Stability** : Stable
- Hazardous Decomposition** : No data available
- Products**
- Hazardous Polymerization** : Will not occur
- Conditions to Avoid** : No data available
- Incompatible Materials** : Strong oxidizing agents

11. Toxicological Information

- Acute Toxicity (Oral LD50)** : No LD50 data available. May be harmful if swallowed.
- Acute Toxicity (Dermal LD50)** : No LD50 data available. May be harmful in contact with skin.
- Acute Toxicity Inhalation LC50** : No LC50 data available. May be harmful if inhaled.
- Likely Routes of Exposure** : Eyes, skin
- Skin Irritation** : Causes mild skin irritation.
- Eye Irritation** : Causes serious eye irritation.
- Skin Sensitization** : Not a skin sensitizer.
- Carcinogenic** : Contains no carcinogenic substances as defined by NTP, IARC or OSHA.
- Chronic Effects** : No data available
- Other Hazards** : No data available

12. Ecological Information

- Ecotoxicity** : No information available
- Persistence and Degradability** : No information available
- Bioaccumulative Potential** : No information available
- Mobility in Soil** : No information available
- Other Adverse Effects** : No information available

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



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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 : 02-May-2017