



## Safety Data Sheet

Report Date 27-Oct-23

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### 1. Identification

**Product Name** : KINETIC  
**Synonyms** : None  
**Product Use** : Nonionic Wetter/Spreader/Penetrant Adjuvant  
**Manufacturer/Supplier** : Helena Agri-Enterprises, LLC  
**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 (no symbol)  
**Skin Irritation** : Causes mild skin irritation  
**Eye Irritation** : Causes eye irritation  
**Acute Toxicity Oral** : LD50 (rat) >2,890 mg/kg.  
**Acute Toxicity Dermal** : LD50 (rat) >2,020 mg/kg.  
  
**Hazard Categories** : Oral/Dermal/Inhalation Toxicity-5/5/5; Eye/Skin Irritation-2B/3  
  
**Hazard Statement** : May be harmful if swallowed  
May be harmful in contact with skin  
May be harmful if inhaled  
Causes eye irritation  
Causes mild skin irritation

### 3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Proprietary blend of polyalkyleneoxide modified polydimethylsiloxane and nonionic surfactant.	Proprietary	99.00
Constituents ineffective as spray adjuvant		1.00
Note: This product contains organosilicone surfactants.		

### 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 15-20 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. 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** : If contact is made with the spray solution containing pesticides, follow the "Statement of Practical Treatment/First Aid" on the pesticide(s) label(s). Treat symptomatically.

### 5. Fire Fighting Measures



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- Extinguishing Media** : Use alcohol type or universal type foam extinguishing agents for large fires.  
Use carbon dioxide or dry chemical extinguishers for small fires.
- Specific Hazards Arising from the Chemical** : None noted.
- Special Fire Fight Proc** : Use self-contained breathing apparatus and full protective equipment. Avoid breathing fumes. Avoid spraying a solid stream of water or foam directly into a pool of hot, burning liquid as this may cause frothing.

### 6. Accidental Release Measures

- Personal Precautions** : Keep unprotected and unnecessary personnel out of area.
- Protective Equipment** : Splashproof goggles, impervious (PVC-coated) gloves, protective apron and footwear. Emergency shower and eyewash station should be available.
- Emergency Procedures** : Isolate spill area. Do not contaminate water supplies, lakes, streams, ponds or drains with this material or wash water from cleaning containers or equipment.
- Methods and Materials for Containment and Cleanup** : Cover spilled product with an inert absorbent, such as clay, sand or sawdust. Collect and place in suitable containers for disposal.

### 7. Handling and Storage

- Precautions for Safe Handling** : 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 this container.
- Conditions for Safe Storage** : Store in original container only. Do not store near heat or open flame.

### 8. Exposure Controls / Personal Protection

- TLV/PEL** : Not established
- Appropriate Engineering Controls** : General (mechanical) room ventilation is expected to be satisfactory.
- Personal Protective Equipment** : Splashproof goggles, impervious (PVC-coated) gloves, protective apron and footwear. Emergency shower and eyewash station should be available.

### 9. Physical and Chemical Properties

- Odor/Appearance** : Clear to slightly hazy liquid; surfactant odor.
- Flash Point, °F** : >240 Degrees F.
- Boiling Point, °F** : >150 Degrees F.
- Melting Point(Freezing point), °C** : Not applicable
- Vapor Pressure, mm Hg @ 20 °C** : <1 mm/Hg
- Vapor Density** : >1
- Solubility in Water** : Dispersible
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 1.01-1.04
- Evaporation Rate(Butyl Acetate = 1)** : <1
- Octanol/Water Partition Coefficient** : No information found
- pH** : 3.7@0.125% in DI water (non-aqueous)
- Flammable Limits (approximate volume % in air)** : Not determined
- Auto-ignition Temperature** : Not determined
- Decomposition temperature** : No information found



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### 10. Stability and Reactivity

**Reactivity** : No information found  
**Chemical Stability** : Stable  
**Hazardous Decomposition** : May produce carbon dioxide, carbon monoxide and oxides of silicon under fire conditions.  
**Products** :  
**Hazardous Polymerization** : Will not occur  
**Conditions to Avoid** : None known  
**Incompatible Materials** : None noted.

### 11. Toxicological Information

**Acute Toxicity (Oral LD50)** : >2,890 mg/kg (rat). May be harmful if swallowed.  
**Acute Toxicity (Dermal LD50)** : >2,020 mg/kg (rat). May be harmful in contact with skin.  
**Acute Toxicity Inhalation LC50** : No LC50 data available. May be harmful if inhaled.  
**Likely Routes of Exposure** : Skin, eyes, inhalation  
**Skin Irritation** : Causes mild skin irritation.  
**Eye Irritation** : Causes eye irritation.  
**Skin Sensitization** : Does not cause skin sensitization.  
**Carcinogenic** : None currently known  
**Chronic Effects** : No information found  
**Other Hazards** : CA PROPOSITION 65 WARNING: No listed ingredients appear on the CA PROPOSITION 65 WARNINGS listing.

### 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: 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: Y  
Delayed (Chronic) Health: N  
Sudden Release of N  
Pressure:  
Fire: N  
Reactive: N

### 16. Other Information

Data of Preparation/Revision : 27-October-2023