



Safety Data Sheet

Report Date 04-Nov-19

Page 1 of 5

1. Identification

Product Name : HYPER-ACTIVE (WA)
Synonyms : None
Product Use : Spreader/Sticker and Deposition Aid
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 : Danger
Skin Irritation : Causes mild skin irritation
Eye Irritation : Causes serious eye damage
Acute Toxicity Oral : LD50 >5,000 mg/kg (rat and mouse)
Acute Toxicity Dermal : LD50 >2,000 mg/kg (rat)
Hazard Categories : Oral/Dermal/Inhalation Tox-5/5/5; Eye/Skin Irr-1/3; STOT,SE-1; Reproductive Tox-2; Flammable Liq-3
Hazard Statement : May be harmful if swallowed
May be harmful in contact with skin
May be harmful if inhaled
Causes serious eye damage
Causes mild skin irritation
Suspected of damaging fertility or the unborn child
Causes damage to organs (CNS, kidney and systemic toxicity)
Flammable liquid and vapour

3. Composition / Information on Ingredients



Safety Data Sheet

Report Date 04-Nov-19

Page 2 of 5

Component	CAS Number	Weight %
Polyoxyethylene oleate; 1-decanaminium, N-decyl-N,N-dimethyl-,chloride; naphthalenesulfonic acid, formaldehyde condensate, sodium salt	Proprietary	64.0
Constituents ineffective as spray adjuvant	Proprietary	36.0

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** : If product is being mixed with pesticides and/or spray adjuvants, follow all precautionary statements on the accompanying product(s) labeling. Treat symptomatically.

5. Fire Fighting Measures

- Extinguishing Media** : Use powder, alcohol-resistant foam, carbon dioxide and sand extinguishing agents.
- Specific Hazards Arising from the Chemical** : Vapors can travel to a source of ignition and flash back. Under decomposition, emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
- Special Fire Fight Proc** : Wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

- Personal Precautions** : Eliminate ignition sources including sources of electrical, static or frictional sparks. Any equipment which presents a risk of accumulating static electricity should be properly grounded/bonded when used in the cleanup of this product.
- Protective Equipment** : Splashproof goggles or face shield, impervious gloves, long-sleeved shirt and long pants. Use NIOSH-approved respirator. Eyewash and emergency shower should be available in work area.
- Emergency Procedures** : Dike the spilled material, if possible. Prevent liquid from entering sewers. Keep out of drains and water courses.
- Methods and Materials for Containment and Cleanup** : Absorb spill with inert material. Shovel material into appropriate container for disposal. Thoroughly wash area with water after a spill or leak cleanup. Surfaces may become slippery after spillage. Remove soiled clothing and launder before reuse.



Safety Data Sheet

Report Date 04-Nov-19

Page 3 of 5

7. Handling and Storage

- Precautions for Safe Handling** : Keep away from sources of ignition. Container and equipment used to transfer this product must be properly grounded/bonded to avoid ignition resulting from static accumulation. Wash thoroughly after handling. Empty drums should be completely drained, properly closed and then disposed of properly. Sufficient vapors from residues may be present to cause explosion and serious injury and/or death. Do not get this material in eyes, on skin or on clothing.
- Conditions for Safe Storage** : Eliminate all sources of ignition. Do not store this material in open or unlabeled containers. Do not handle or store near open flame, heat or other sources of ignition. Storage area should be protected by appropriately designed containment to prevent release to groundwater or sewers. Keep this material in a cool, dark, well-ventilated place. Storage areas should have fire-safe practices and electrical equipment in accordance with applicable fire safety and electrical codes.

8. Exposure Controls / Personal Protection

- TLV/PEL** : Isopropyl alcohol - OSHA PEL 400 ppm TWA; 2-Propanol - ACGIH TLV 200 ppm TWA.
- Appropriate Engineering Controls** : Provide adequate local exhaust ventilation.
- Personal Protective Equipment** : Splashproof goggles or face shield, impervious gloves, long-sleeved shirt and long pants. Use NIOSH-approved respirator. Eyewash and emergency shower should be available in work area.

9. Physical and Chemical Properties

- Odor/Appearance** : Clear amber liquid; alcohol odor.
- Flash Point, °F** : 25 Deg. C. (TAG Closed Cup)
- Boiling Point, °F** : 85 Deg. C.
- Melting Point(Freezing point), °C** : <-5 Deg. C.
- Vapor Pressure, mm Hg @ 20 °C** : No data available
- Vapor Density** : No data available
- Solubility in Water** : Dispersible
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 0.966-0.986
- Evaporation Rate(Butyl Acetate = 1)** : No data available
- Octanol/Water Partition Coefficient** : No data available
- pH** : 4.0 to 7.0 (neat)
- Flammable Limits (approximate volume % in air)** : No data available
- Auto-ignition Temperature** : Not determined
- Decomposition temperature** : No information found



Safety Data Sheet

Report Date 04-Nov-19

Page 4 of 5

10. Stability and Reactivity

- Reactivity** : No data available
- Chemical Stability** : Stable
- Hazardous Decomposition Products** : Emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons upon decomposition.
- Hazardous Polymerization** : Will not occur
- Conditions to Avoid** : Keep away from heat, sparks or open flame.
- Incompatible Materials** : None known

11. Toxicological Information

- Acute Toxicity (Oral LD50)** : >5,000 mg/kg (rat and mouse). May be harmful if swallowed.
- Acute Toxicity (Dermal LD50)** : >2,000 mg/kg (rat). May be harmful in contact with skin.
- Acute Toxicity Inhalation LC50** : No LC50 available. May be harmful if inhaled.
- Likely Routes of Exposure** : Eyes, inhalation, ingestion
- Skin Irritation** : Causes mild skin irritation.
- Eye Irritation** : Causes serious eye damage.
- Skin Sensitization** : No information found.
- Carcinogenic** : No information found.
- Chronic Effects** : Reproductive Toxicity: Suspected of damaging fertility and the unborn child.
- Other Hazards** : Specific Target Organ Toxicity, Single Exposure: Causes damage to organs (central nervous system, kidney and systemic toxicity).

12. Ecological Information

- Ecotoxicity** : Under UN GHS Aquatic Toxicity Classification: Acute 1, Chronic 2. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.
- Persistence and Degradability** : No information found
- Bioaccumulative Potential** : No information found
- Mobility in Soil** : No information found
- Other Adverse Effects** : Avoid release to the environment.

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. (D001 - Ignitable)



Safety Data Sheet

Report Date **04-Nov-19**

Page 5 of 5

14. Transport Information

UN Proper Shipping Name : Flammable Liquid, n.o.s. (Isopropanol) - classification for any mode, any package size.
Transport Hazard Class : Class 3
UN Identification Number : UN1993
Packaging Group : PG III
Environmental Hazards : Not listed as a Marine Pollutant per Appendix B to 49 CFR 172.101. Classified as a Marine Pollutant under UN criteria.
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: 3 Fire: 3 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: Y
Sudden Release of N
Pressure:
Fire: Y
Reactive: N

16. Other Information

Data of Preparation/Revision : 04-November-2019