



Safety Data Sheet

Report Date 27-Aug-18

Page 1 of 5

1. Identification

Product Name : INTERACTIVE
Synonyms : None
Product Use : Translocating adjuvant and water conditioner
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
Skin Irritation : Moderately irritating
Eye Irritation : Moderately irritating
Acute Toxicity Oral : May be harmful if ingested.
Acute Toxicity Dermal : May be harmful in contact with or if absorbed by skin.
Hazard Categories : Eye/Skin Irritation-2A/2; Oral/Dermal/Inhalation Toxicity-4/5/5
Hazard Statement : Harmful if swallowed
May be harmful in contact with skin
May be harmful if inhaled
Causes serious eye irritation
Causes skin irritation

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Blend of ammonia salts, cationic and anionic surfactants, dimethyl polysiloxane and salts of polyacrylic acid.	Proprietary	43.00
Other ingredients	Proprietary	57.00

4. First Aid Measures

Eye : Hold eyelids open flush with a steady, gentle stream of water for 15 minutes. Get medical attention if irritation persists.
Skin : Wash with plenty of soap and water. Get medical attention if irritation persists.



Safety Data Sheet

Report Date 27-Aug-18

Page 2 of 5

- Inhalation** : Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth if possible. Get medical attention if irritation persists.
- Ingestion** : Call a doctor or poison control center for treatment advice. Do not induce vomiting or give anything by mouth if unconscious. Drink promptly a large quantity of milk, eggwhites, gelatin solution, or if these are not available, water. Avoid alcohol.
- Indication of Immediate Medical Attention and Special Treatment Needed** : Treat symptomatically. If contact is made with the spray solution containing pesticides, follow the "Statement of Practical Treatment/First Aid" on the pesticide label.

5. Fire Fighting Measures

- Extinguishing Media** : Non-combustible product. Use extinguishing media suitable for underlying cause of fire.
- Specific Hazards Arising from the Chemical** : Product may generate toxic and irritating fumes under fire conditions.
- Special Fire Fight Proc** : Wear self-contained breathing apparatus and full protective clothing. Use water spray to keep fire-exposed containers cool.

6. Accidental Release Measures

- Personal Precautions** : Avoid contact with eyes and skin. Avoid breathing spray mist.
- Protective Equipment** : Impervious gloves, splashproof goggles or face shield, impervious apron and footwear. Use NIOSH-approved air-purifying respirator approved for ammonia. Eyewash and emergency shower should be available.
- Emergency Procedures** : Contain spill to prevent contaminating soil or waterways.
- Methods and Materials for Containment and Cleanup** : If uncontaminated, recover and reuse product. If contaminated, carefully inert absorbent to spilled liquid. Pickup and place residual product in proper containers for disposal.

7. Handling and Storage

- Precautions for Safe Handling** :
- Conditions for Safe Storage** : Keep container tightly closed. May be stored in unheated area but keep from freezing.

8. Exposure Controls / Personal Protection

- TLV/PEL** : No information found.
- Appropriate Engineering Controls** : Local exhaust should be sufficient.
- Personal Protective Equipment** : Impervious gloves, splashproof goggles or face shield, impervious apron and footwear. Use NIOSH-approved air-purifying respirator approved for ammonia. Eyewash and emergency shower should be available.



Safety Data Sheet

Report Date 27-Aug-18

Page 3 of 5

9. Physical and Chemical Properties

Odor/Appearance	: Clear to slightly hazy, amber liquid.
Flash Point, °F	: Not flammable
Boiling Point, °F	: 212 Degrees F.
Melting Point(Freezing point), °C	: <32 Degrees F.
Vapor Pressure, mm Hg @ 20 °C	: Not established
Vapor Density	: Not established
Solubility in Water	: Soluble
Molecular Formula	: Not applicable, formulated mixture.
Density, g/mL @ 25 °C	: 1.085 to 1.105
Evaporation Rate(Butyl Acetate = 1)	: Not established
Octanol/Water Partition Coefficient	: No information found
pH	: 5.0 to 7.0
Flammable Limits (approximate volume % in air)	: Not applicable
Auto-ignition Temperature	: Not applicable
Decomposition temperature	: No information found

10. Stability and Reactivity

Reactivity	: No information found.
Chemical Stability	: Stable
Hazardous Decomposition Products	: May produce ammonia and phosphorous oxides under fire conditions.
Hazardous Polymerization	: Will not occur
Conditions to Avoid	: None currently known.
Incompatible Materials	: Product may react vigorously with alkaline materials.

11. Toxicological Information

Acute Toxicity (Oral LD50)	: >500 mg/kg to 2,000 mg/kg (rat). Harmful if swallowed.
Acute Toxicity (Dermal LD50)	: >2,000 mg/kg (rat). May be harmful in contact with skin.
Acute Toxicity Inhalation LC50	: No information found. May be harmful if inhaled.
Likely Routes of Exposure	: Skin, eyes, inhalation
Skin Irritation	: Moderately irritating. Causes skin irritation.
Eye Irritation	: Moderately irritating. Causes serious eye irritation.
Skin Sensitization	: Not a sensitizer
Carcinogenic	: Not listed by IARC, NTP or OSHA.



Safety Data Sheet

Report Date 27-Aug-18

Page 4 of 5

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 according to 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

National Fire Protection Association Rating :

Health:

2

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:



Safety Data Sheet

Report Date 27-Aug-18

Page 5 of 5

Fire: N
Reactive: N

16. Other Information

Data of Preparation/Revision : 27-August-2018