



## Safety Data Sheet

Report Date 03-Mar-19

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### 1. Identification

**Product Name** : COHERE  
**Synonyms** : None  
**Product Use** : Nonionic spreader-sticker 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  
**Skin Irritation** : Causes skin irritaiton  
**Eye Irritation** : Causes serious eye irritation  
**Acute Toxicity Oral** : LD50 > 5,000 mg/kg  
**Acute Toxicity Dermal** : LD50 > 5,000 mg/kg  
  
**Hazard Categories** : Eye/Skin Irritation-2A/2; Inhalation Toxicity-5  
  
**Hazard Statement** : Causes serious eye irritation  
Causes skin irritation  
May be harmful if inhaled

### 3. Composition / Information on Ingredients

| Component                                                                           | CAS Number        | Weight % |
|-------------------------------------------------------------------------------------|-------------------|----------|
| Alkanolamide surfactants, alkylaryl polyethoxyethanol sulfates, and 1,2-propanediol | Proprietary blend | 90.0     |
| Constituents ineffective as an adjuvant                                             | Proprietary       | 10.0     |

### 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 the 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 to 20 minutes. Call a poison control center or doctor for further treatment advice.

**Inhalation** : Vapors/mists may irritate the respiratory passages. Move to fresh air. If irritation persists, call a poison control center or doctor for 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.

**Indication of Immediate Medical Attention and Special Treatment Needed** : Treatment should be directed toward control of the symptoms and the clinical condition of the patient.

### 5. Fire Fighting Measures

**Extinguishing Media** : Use water spray or carbon dioxide extinguishing agents.



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**Specific Hazards Arising from the Chemical** : Do not inhale combustion gases. Burning produces heavy smoke.

**Special Fire Fight Proc** : Wear self-contained breathing apparatus and full protective clothing. Collect contaminated fire fighting water separately. Do not discharge into drains. Move damaged containers from immediate hazard area if it can be done safely.

### 6. Accidental Release Measures

**Personal Precautions** : Remove all sources of ignition. Provide adequate ventilation. Remove unnecessary personnel to safety.

**Protective Equipment** : Impervious (PVC-coated) gloves, splashproof goggles, protective apron and footwear. Emergency shower and eyewash station should be available.

**Emergency Procedures** : Spills may be reportable to the National Response Center (1-800-424-8802). Do not contaminate water supplies, lakes, streams, ponds or drains with spilled product.

**Methods and Materials for Containment and Cleanup** : Dike spill. Absorb with inert material and collect for disposal. Flush area with water. Absorb, collect and place in chemical waste disposal containers.

### 7. Handling and Storage

**Precautions for Safe Handling** : Avoid contact with skin and eyes. Avoid inhalation of vapors and mists. Do not use on extensive surface areas in premises where there are occupants. Do not use empty container before they have been cleaned. Before making product transfers, assure there are no incompatible material residues in containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while handling.

**Conditions for Safe Storage** : Store in original container only. Do not contaminate water, food or feed by storage or disposal. Keep packages tightly closed and do not allow water to be introduced to container contents. Do not contaminate water by runoff from cleaning of equipment, disposal of equipment washwaters or spray waste. Do not store this product near heat or open flame. Do not store with oxidizing agents or ammonium nitrate.

### 8. Exposure Controls / Personal Protection

**TLV/PEL** : Not established

**Appropriate Engineering Controls** : Provide adequate ventilation.

**Personal Protective Equipment** : Impervious (PVC-coated) gloves, splashproof goggles, protective apron and footwear. Emergency shower and eyewash station should be available. Use NIOSH-approved respirator when exposure to vapor or mist is likely.

### 9. Physical and Chemical Properties

**Odor/Appearance** : Clear liquid with slight (surfactant) odor.

**Flash Point, °F** : >212 Degrees F.

**Boiling Point, °F** : Not determined

**Melting Point(Freezing point), °C** : Not determined

**Vapor Pressure, mm Hg @ 20 °C** : Not determined

**Vapor Density** : Not determined

**Solubility in Water** : Soluble

**Molecular Formula** : Not applicable, formulated mixture.

**Density, g/mL @ 25 °C** : 0.97-1.07

**Evaporation Rate(Butyl Acetate = 1)** : Not determined



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Octanol/Water Partition Coefficient : Not determined  
pH : 7.9-8.9  
Flammable Limits (approximate volume % in air) : Not determined  
Auto-ignition Temperature : No information found.  
Decomposition temperature : Not determined

### 10. Stability and Reactivity

Reactivity : Not reactive  
Chemical Stability : Stable  
Hazardous Decomposition Products : None known  
Hazardous Polymerization : Will not occur  
Conditions to Avoid : None currently known  
Incompatible Materials : None known

### 11. Toxicological Information

Acute Toxicity (Oral LD50) : >5,000 mg/kg. Not classified as hazardous under 29 CFR 1910.1200 (2012).  
Acute Toxicity (Dermal LD50) : >5,000 mg/kg. Not classified as hazardous under 29 CFR 1910.1200 (2012).  
Acute Toxicity Inhalation LC50 : No LC50 data available. May be harmful if inhaled.  
Likely Routes of Exposure : Skin, eyes, ingestion.  
Skin Irritation : Causes skin irritation.  
Eye Irritation : Causes serious eye irritation.  
Skin Sensitization : Not a skin sensitizer.  
Carcinogenic : None currently known.  
Chronic Effects : None currently known.  
Other Hazards : CA Prop 65: No ingredients are listed on 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



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**Environmental Hazards** : None noted  
**Transport in Bulk** : No special requirements  
**Special Precautions for Transportation** : None noted  
**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: 1 Reactivity: 1  
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** : 03-March-2019