



Safety Data Sheet

Report Date **30-May-15**

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1. Identification

Product Name : HYDRA-HUME DG "COATED" IN-FURROW SOIL ADJUVANT
Synonyms : None
Product Use : Granular In-Furrow Soil 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 : None required
Skin Irritation : Not hazardous
Eye Irritation : Not hazardous
Acute Toxicity Oral : No data available
Acute Toxicity Dermal : No data available

Hazard Categories : Not hazardous per 29 CFR 1910.1200.
Hazard Statement : Not Hazardous

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Leonardite	Proprietary	70.00
Inert ingredients	Nonhazardous	30.00

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

Extinguishing Media : Non-combustible solid. Use extinguishing media suitable for underlying cause of fire.
Specific Hazards Arising from the Chemical : Product may produce toxic fumes under fire conditions.
Special Fire Fight Proc : Wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures



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- 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** : Do not contaminate water supplies with this material.
- Methods and Materials for Containment and Cleanup** : Contain product and reuse, if uncontaminated. If contaminated, sweep, shovel or vacuum up spilled granules and place in suitable container for proper disposal.

7. Handling and Storage

- Precautions for Safe Handling** : Keep bags and containers sealed. Do not contaminate water sources by cleaning of equipment
- Conditions for Safe Storage** : Store in original container only.

8. Exposure Controls / Personal Protection

- TLV/PEL** : No TLV or PEL.
- Appropriate Engineering Controls** : Use with adequate general or local exhaust ventilation.
- Personal Protective Equipment** : Splashproof goggles or face shield, impervious gloves, impervious apron and footwear. Respiratory protection not normally needed.

9. Physical and Chemical Properties

- Odor/Appearance** : Dark brown, coated granules.
- Flash Point, °F** : Non-combustible
- Boiling Point, °F** : Not applicable
- Melting Point(Freezing point), °C** : Not applicable
- Vapor Pressure, mm Hg @ 20 °C** : Not applicable
- Vapor Density** : Not applicable
- Solubility in Water** : Insoluble
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : Not determined
- Evaporation Rate(Butyl Acetate = 1)** : Not applicable
- Octanol/Water Partition Coefficient** : No information found
- pH** : 3 to 4 (humic ore)
- Flammable Limits (approximate volume % in air)** : Not applicable
- Auto-ignition Temperature** : Not applicable
- Decomposition temperature** : Not determined

10. Stability and Reactivity

- Reactivity** : No information found
- Chemical Stability** : Stable
- Hazardous Decomposition Products** : Decomposition may release oxides of carbon and sulfur and unknown materials.
- Hazardous Polymerization** : Will not occur
- Conditions to Avoid** : None known
- Incompatible Materials** : Strong bases, strong oxidizing agents and alkalis.



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11. Toxicological Information

Acute Toxicity (Oral LD50) : No LD50. May cause slight nausea and intestinal discomfort, such as diarrhea.
Acute Toxicity (Dermal LD50) : No LD50 available. Not classified as hazardous.
Acute Toxicity Inhalation LC50 : No LC50. Inhalation of dust may cause slight irritation of nose, throat and upper respiratory tract.
Likely Routes of Exposure : Skin and eyes
Skin Irritation : No acute hazard known. Prolonged contact with skin may cause slight irritation.
Eye Irritation : No acute hazard known. May cause slight irritation with redness and tearing.
Skin Sensitization : Not listed as a sensitizer
Carcinogenic : None currently known.
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 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

National Fire Protection Association Rating

Health: 0 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: N
Delayed (Chronic) Health: N



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Sudden Release of N
Pressure:
Fire: N
Reactive: N

16. Other Information

Data of Preparation/Revision : 30-May-2015