



# Safety Data Sheet

Report Date 13-Apr-15

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## 1. Identification

**Product Name** : KickStand DG + Fe Greens Grade  
**Synonyms** : None  
**Product Use** : Granular Nutritionals  
**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** : Warning  
**Skin Irritation** : Causes skin irritation  
**Eye Irritation** : Causes eye irritation  
**Acute Toxicity Oral** : No acute oral LD50 established. Possible stomach disorders may occur if ingested.  
**Acute Toxicity Dermal** : No acute dermal LD50 established. May be harmful in contact with skin.  
**Hazard Categories** : Oral/Dermal/Inhalation Toxicity - 5/5/5; Eye Irritation - 2B; Skin Irritation - 2  
**Hazard Statement** : May be harmful if swallowed  
May be harmful in contact with skin  
Causes eye irritation  
Causes skin irritation  
May be harmful if inhaled

## 3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Plant nutrients derived from Iron Humates. GUARANTEED ANALYSIS: Iron (Fe): 0.50%	Proprietary	100.00

## 4. First Aid Measures

**Eye** : Flush eyes with water for 15 minutes, holding the eyelids open. Obtain medical attention if irritation develops.  
**Skin** : Take off contaminated clothing. Wash skin thoroughly with soap and water. Obtain medical attention if irritation develops. Launder contaminated clothing before reuse.  
**Inhalation** : Move person to fresh air. If 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 treatment advice.  
**Ingestion** : Call a poison control center or doctor immediately. Rinse mouth. Do not induce vomiting. Do not give anything by mouth to an unconscious person.  
**Indication of Immediate Medical Attention and Special Treatment Needed** : Treat symptomatically.

## 5. Fire Fighting Measures



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- Extinguishing Media** : Non-combustible solid. 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.

### 6. Accidental Release Measures

- Personal Precautions** : Keep unprotected and unnecessary personnel out of spill area.
- Protective Equipment** : Safety glasses or splashproof goggles, rubber or plastic gloves, impervious apron and footwear. Use dust mask if needed. Eyewash should be available.
- Emergency Procedures** : Do not contaminate water supplies, lakes, streams or ponds with this material.
- Methods and Materials for Containment and Cleanup** : Collect spilled product and reuse, if uncontaminated. If contaminated, sweep, shovel or vacuum up and place in suitable containers for proper disposal.

### 7. Handling and Storage

- Precautions for Safe Handling** :
- Conditions for Safe Storage** :

### 8. Exposure Controls / Personal Protection

- TLV/PEL** : No information found
- Appropriate Engineering Controls** : Local exhaust sufficient.
- Personal Protective Equipment** : Safety glasses or splashproof goggles, rubber or plastic gloves, impervious apron and footwear. No respiratory protection needed under normal use conditions. Eyewash should be available.

### 9. Physical and Chemical Properties

- Odor/Appearance** : Brown to black granules, mild ammonia odor.
- Flash Point, °F** : Not applicable
- 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** : Soluble
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 0.72-0.77
- Evaporation Rate(Butyl Acetate = 1)** : Not applicable
- Octanol/Water Partition Coefficient** : No information found
- pH** : 3.0-4.0 (1%)
- Flammable Limits (approximate volume % in air)** : Not determined
- Auto-ignition Temperature** : Not determined
- Decomposition temperature** : No information found

### 10. Stability and Reactivity



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**Reactivity** : No information found  
**Chemical Stability** : Stable  
**Hazardous Decomposition** : At extreme temperatures, product may evolve carbon monoxide and other  
**Products** : oxidation products.  
**Hazardous Polymerization** : Will not occur  
**Conditions to Avoid** : None currently known.  
**Incompatible Materials** : None currently known.

### 11. Toxicological Information

**Acute Toxicity (Oral LD50)** : No acute toxicity data available. Possible stomach disorders may occur if ingested.  
**Acute Toxicity (Dermal LD50)** : No acute toxicity data available. No hazards known.  
**Acute Toxicity Inhalation LC50** : No toxicity data available. If dusts are generated, inhalation may cause respiratory irritation.  
**Likely Routes of Exposure** : Eyes, inhalation, ingestion, skin  
**Skin Irritation** : Prolonged skin contact may cause irritation, including skin reddening, if not washed off skin.  
**Eye Irritation** : Eye irritation may occur with direct contact.  
**Skin Sensitization** : No information found.  
**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** : Fertilizing Compound, (Manufactured Fertilizer), Solid, NOIBN (NMFC Item 68140, Sub 5, Class 50)

### 15. Regulatory Information



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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 : 13-April-2015