

# SAFETY DATA SHEET



Date Issued : 1/7/2015  
SDS No : CropPlex DG

## CropPlex DG

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** CropPlex DG

**DISTRIBUTOR**

United Suppliers, INC.  
BOX 538  
Eldora, IA 50627  
**Customer Service:** 800-782-5123

**24 HR. EMERGENCY TELEPHONE NUMBERS**

ChemTrec 1-800-424-9300

### 2. HAZARDS IDENTIFICATION

**GHS LABEL**

**PRECAUTIONARY STATEMENTS**

**General:**

- P101: If medical advice is needed, have product container or label at hand.
- P102: Keep out of reach of children.
- P103: Read label before use.

**COMMENTS:** This product exceeds all toxicity end points under GHS regulations and will follow previous precautionary language. Refer to Section 15 on this Safety Data Sheet.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Calcium Lignosulfonate	>= 92	8061-52-7

### 4. FIRST AID MEASURES

**EYES:** Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

**SKIN:** Remove contaminated clothing. Rinse skin immediately with water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**INGESTION:** Immediately call a poison control center or doctor. Dilute with large amounts of water. Do not induce vomiting unless directed to do so by a medical professional. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. If vomiting occurs, keep head lower than hips to prevent introduction of fluid into the lungs.

**INHALATION:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**NOTES TO PHYSICIAN:** All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

**ADDITIONAL INFORMATION:** Have the product container or label with you when calling a poison control center or doctor, or going in for treatment. For emergency medical assistance call **CHEMTREC 1-800-424-9300**.

### 5. FIRE FIGHTING MEASURES

CropPlex DG

**EXTINGUISHING MEDIA:** Foam, dry chemical, carbon dioxide, water spray or fog.

**HAZARDOUS COMBUSTION PRODUCTS:** Normal combustion forms carbon dioxide, water vapor and may produce oxides of carbon, nitrogen and phosphorous.

**EXPLOSION HAZARDS:** No specific explosion hazards are identified or expected. Always fight fire with the implication that other volatile substances may be present.

**FIRE FIGHTING PROCEDURES:** Evacuate area and fight fire upwind a safe distance to avoid hazardous vapors and decomposition products. Fire exposed containers can build up pressure and should be kept cool with water spray if possible. Explosive vapor could form from ruptured containers. Dike and collect water used to fight fire to prevent environmental damage due to runoff. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**HAZARDOUS DECOMPOSITION PRODUCTS:** May emit toxic fumes if excessively heated.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Pick up spilled liquid with absorbent material and sweep up for disposal. Place it and damaged unusable containers in a landfill appropriate for non hazardous chemical waste. Check local, state, and federal regulations for proper disposal.

**LARGE SPILL:** Dike around the spill area to prevent spreading. Pick up spilled material with suitable absorbent material and place in appropriate container for disposal. Place it and unusable containers in a landfill appropriate for non hazardous chemical waste. Check local, state, and federal regulations for proper disposal.

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Do not contaminate any body of water.

**LAND SPILL:** Avoid runoff onto any adjacent land.

**GENERAL PROCEDURES:** Avoid inhalation of vapors/spray and contact with skin and eyes. Work in a properly ventilated area. Wear the proper personal protective equipment listed in Section 8.

**SPECIAL PROTECTIVE EQUIPMENT:** Always wear proper protective equipment when handling this product.

## 7. HANDLING AND STORAGE

**HANDLING:** Wash hands after handling, before eating, drinking, chewing gum, using tobacco, or using the toilet. Avoid contact with eyes and prolonged contact with skin. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**STORAGE:** If stored below freezing, thoroughly thaw and agitate before use, do not store below 0° F. Recirculate if product is exposed to temperatures above 85° F for a long period. Store in original container. Keep containers tightly closed. Do not allow water or other chemicals to be introduced into contents of container. Do not contaminate water sources with equipment wash water, spray disposal wastes or by cleaning of equipment. Do not store near feed or food products. Do not use or store near open flame.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear chemical goggles or shielded safety glasses (ANSI Z87.1 or approved equivalent) when handling and mixing product. Contact lenses should not be worn when working with chemicals.

**SKIN:** Wear protective clothing: long-sleeved shirt and long pants, shoes plus socks and chemical-resistant gloves. Always refer to the label of the pesticide(s) in the tank mix and follow the most restrictive requirements.

**RESPIRATORY:** Work in a well ventilated area; exposure to airborne contaminants is not expected to cause concern. If ventilation is inadequate, a respirator is recommended to protect against spray mist.

**PROTECTIVE CLOTHING:** Eye protection, long sleeved shirt and long pants, shoes plus socks and chemical resistant gloves. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**ODOR:** Slight

**APPEARANCE:** Liquid

**COLOR:** Brown

**pH:** 3 to 4.5

**PERCENT VOLATILE:** 40-44

**FLASH POINT AND METHOD:** Not Available

**FLAMMABLE LIMITS:** 0.2 oz./cu. ft. to 3.5 oz./cu. ft.

**Notes:** In air, % By Volume

**AUTOIGNITION TEMPERATURE:** to 400°C

**VAPOR PRESSURE:** 14.2 mm Hg at 20°C

**VAPOR DENSITY:** 1.21 Air = 1

**BOILING POINT:** 104°C

**FREEZING POINT:** -2°C

**MELTING POINT:** Not Applicable

**POUR POINT:** Not Available

**THERMAL DECOMPOSITION:** Not Available

**SOLUBILITY IN WATER:** 100% Soluble

**EVAPORATION RATE:** 0.4

**DENSITY:** Not Applicable

**SPECIFIC GRAVITY:** 1.302 at 25°C

**VISCOSITY:** Not Applicable

**MOLECULAR WEIGHT:** Not Available

**10. STABILITY AND REACTIVITY**

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Incomplete combustion may yield carbon monoxide, carbon dioxide and other hazardous gas.

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents.

**11. TOXICOLOGICAL INFORMATION****ACUTE**

**DERMAL LD<sub>50</sub>:** Not Established

**ORAL LD<sub>50</sub>:** > 5000 mg/kg (Rat)

**INHALATION LC<sub>50</sub>:** Not Established

**EYE EFFECTS:** None Expected.

**SKIN EFFECTS:** None Expected.

**CARCINOGENICITY**

**Notes:** Not listed in OSHA, NTP, IARC or ACGIH

**SENSITIZATION:** Not a contact sensitizer

**12. ECOLOGICAL INFORMATION**

CropPlex DG

**ENVIRONMENTAL DATA:** Ecotoxicity information is not available, it is partially biodegradable. This product is not for use in aquatic settings.

**AQUATIC TOXICITY (ACUTE):** Not Established

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Do not reuse product containers. Triple rinse (or equivalent), then offer for recycling at an ACRC site (go to <http://www.acrecycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by local, state, and federal regulations.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Lignon Liquor - Class 55

**PRIMARY HAZARD CLASS/DIVISION:** Not restricted

**UN/NA NUMBER:** Excluded

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Calcium Lignosulfonate	8061-52-7

**TSCA STATUS:** All chemical substances in this product are listed in the TSCA inventory

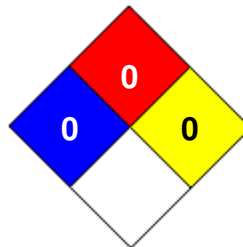
**CALIFORNIA PROPOSITION 65:** Not Listed

**GENERAL COMMENTS:** Harmful if swallowed. Avoid contact with skin. Wash hands after using. Avoid breathing spray mist. Causes eye irritation. Avoid contact with eyes. In case of contact, flush eyes with water for at least 10 minutes and get medical attention.

### 16. OTHER INFORMATION

**REASON FOR ISSUE:** New SDS Format

#### NFPA CODES



#### GENERAL STATEMENTS: DISCLAIMER OF LIABILITY

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