



## Crop Shade

### 1. IDENTIFICATION

**Product Identifier:** Crop Shade

**Chemical Description:** Dry mixture of kaolinite silicate clay and natural diatomite-amorphous silicate

**Recommended Use:** Agricultural/Horticultural – Crop Sunburn Protection (refer to product label)

**Manufacturer:** Chemurgic Agricultural Chemicals, Inc.  
P.O. Box 2106  
Turlock, CA 95381

**Email:** info@chemurgic.net

**Telephone:** DAY: 209-634-2951 EVE: 209-652-7260

**Emergency telephone Numbers:** INFOTRAC: 1-800-535-5053  
EPA National Response Center: (800) 424-8802

### 2. HAZARDS IDENTIFICATION

**Physical Hazards:** Not classified

**Health Hazards:** Not classified

**Environmental Hazards:** Not classified

**OSHA Defined Hazards:** Not classified

**Label Elements**

**Hazard symbol:** None

**Signal word:** None

**Hazard statement:** None

**Precautionary statements**

**Prevention:** Observe good industrial hygiene practices

**Response:** Wash hands after handling.

**Storage:** Store away from incompatible materials.

**Disposal:** Dispose of waste and residues in accordance with local authority requirements.

**Other Hazards:** None known.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>CHEMICAL</u>	<u>CAS NO.</u>	<u>%</u>	<u>Classification (GHS-US)</u>
Kaolin	1332-58-7	95.0	Not Classified
Amorphous Silica Natural Diatomite	61790-53-2	3.5	Not Classified

### 4. FIRST AID MEASURES

**EYES:** Immediately flush with water for 15 minutes. Call a physician if irritation persists.

**SKIN:** Wash with soap and water. See a physician if skin irritation occurs.

**INGESTION:** If conscious and alert, drink water or milk to dilute, then induce vomiting. Call a physician or Poison Control Center immediately.

**INHALATION:** Remove to fresh air. If breathing difficulties persist, call a physician.

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### 5. FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:**

Not flammable. Use extinguishing media appropriate for surrounding fire. Do not use water jet as an extinguisher as this will spread the fire.

**SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:**

Not flammable. Product is not explosive. Hazardous reactions will not occur under normal conditions.

**SPECIAL FIRE FIGHTING PROCEDURES:**

Use standard firefighting procedures. Do not enter fire area without proper protective equipment, including respiratory protection.

### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:** Use appropriate personal protection equipment. Ventilate area. For personal protection, see section 8 of the SDS.

**ENVIRONMENTAL PRECAUTIONS:** Prevent entry to sewers and public waters.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** Vacuum clean or wet sweep spillage. Waste should be disposed of in a closed container to prevent dust.

### 7. HANDLING AND STORAGE

**STORAGE:** Store in a cool dry place away from food or feeds.

**WORK/HYGENIC PRACTICES:** Keep out of reach of children. Harmful if swallowed or inhaled. Avoid breathing dust and spray mist. Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling.

**HANDLING:** NIOSH-approved Dust/Mist Respirator for non-toxic nuisance dust. Local exhaust ventilation recommended.

**OTHER PRECAUTIONS:** Safety Glasses

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**CONTROL PARAMETERS:**

<b>Kaolin (1332-58-7)</b>	
ACGIH TLV	2 mg/m <sup>3</sup>
OSHA PEL	5 mg/m <sup>3</sup> (respirable fraction)
OSHA PEL	10 mg/m <sup>3</sup> (total dust)
<b>Amorphous Silica Natrual Diatomite (61790-53-2)</b>	
ACGIH TLV	10 mg/m <sup>3</sup>

**APPROPRIATE ENGINEERING CONTROLS:**

Local exhaust ventilation is recommended.

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**PERSONAL PROTECTIVE EQUIPMENT:**

**EYE AND FACE PROTECTION:** Safety glasses or full face shield

**SKIN:** Impervious gloves and clothing

**RESPIRATORY PROTECTION:** NIOSH-approved Dust/Mist Respirator for non-toxic nuisance dust

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	White Powder
<b>ODOR:</b>	Odorless
<b>ODOR THRESHOLD:</b>	No data available
<b>pH:</b>	No data available
<b>BOILING POINT:</b>	No data available
<b>MELTING POINT/FREEZING POINT:</b>	No data available
<b>INITIAL BOILING POINT AND BOILING RANGE:</b>	No data available
<b>FLASH POINT:</b>	No data available
<b>EVAPORATION RATE:</b>	No data available
<b>FLAMMABILITY (solid, gas):</b>	No data available
<b>UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:</b>	No data available
<b>VAPOR PRESSURE:</b>	No data available
<b>VAPOR DENSITY:</b>	No data available
<b>RELATIVE DENSITY:</b>	No data available
<b>SOLUBILITY IN WATER:</b>	Insoluble
<b>PARTITION COEFFICIENT: N-OCTANOL/WATER:</b>	No data available
<b>AUTO-IGNITION TEMPERATURE:</b>	No data available
<b>DECOMPOSITION TEMPERATURE:</b>	No data available
<b>VISCOSITY:</b>	No data available
<b>BULK DENSITY:</b>	34 lbs./cu. ft.

**10. STABILITY AND REACTIVITY**

**STABILITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS:** None

**INCOMPATIBILITY (MATERIALS TO AVOID):** None known

**11. TOXICOLOGICAL INFORMATION**

**Acute toxicity:** Not classified.

**Skin corrosion/irritation:** Not classified.

**Serious eye damage/irritation:** Not classified.



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<b>Respiratory or skin sensitization:</b>	Not classified.
<b>Germ cell mutagenicity:</b>	Not classified.
<b>Carcinogenicity:</b>	Not classified.
<b>Reproductive toxicity:</b>	Not classified.
<b>STOT-single exposure</b>	Not classified.
<b>STOT-repeated exposure</b>	Not classified.
<b>Aspiration hazard:</b>	Not classified.

### ACUTE EFFECTS

<b>Eyes:</b>	May cause temporary discomfort and irritation
<b>Skin:</b>	No known concern
<b>Ingestion:</b>	No Known hazard
<b>Inhalation:</b>	Acute accidental exposure would be nonspecific. Symptoms might include coughing, wheezing, difficulty breathing and upper respiratory tract irritation.

### CHRONIC EFFECTS

Not Listed as carcinogen by NTP, IARC or OSHA

## 12. ECOLOGICAL INFORMATION

Do not contaminate water when disposing of equipment wash waters.

<b>Ecotoxicity:</b>	This product is not classified as environmentally hazardous.
<b>Persistence and degradability:</b>	No data available
<b>Bioaccumulative potential:</b>	No data available
<b>Mobility in soil:</b>	No data available
<b>Other Adverse Effects:</b>	None known

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Disposal of product waste should be handled by licensed waste handlers in accordance with all governmental regulations. This product is not regulated under RCRA.

## 14. TRANSPORT INFORMATION

<b>DOT:</b>	Not regulated as dangerous goods.
<b>IATA:</b>	Not regulated as dangerous goods.
<b>IMDG:</b>	Not regulated as dangerous goods.

## 15. REGULATORY INFORMATION

**US Federal Regulations:** All components are on the U.S. EPA TSCA Inventory List. This product is not known to be a Hazardous Chemical as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):** Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4):** Not listed.

**SARA 304 Emergency release notification:** Not regulated.



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**SARA TITLE 111, Section 313 Toxic Chemicals:** None

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):** Not listed.

**SARA 302 – 312 Hazardous chemical:** Not listed.

**SARA 313 (TRI reporting):** Not regulated.

**U.S. California Proposition 65:** This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

### 16. OTHER INFORMATION

While the information contained herein is based on data considered accurate and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act, it is provided as a guide only. Chemurgic Agricultural Chemicals, Inc. does not guarantee its accuracy or completeness. It is the user's responsibility to evaluate and use this product safely and to comply with all laws and regulations that apply. The user assumes all risk in the use of the material. The information contained in this SDS is not to be taken as a warranty or representation for which Chemurgic Agricultural Chemicals, Inc. assumes legal responsibility.

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