

MATERIAL SAFETY DATA SHEET

Chemurgic's Crop Shade

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MSDS DATE 06/01/2014

SECTION 1. PRODUCT AND COMPANY INFORMATION

Chemical Product

Chemurgic's Crop Shade

Common Name: Sunburn Protectant

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

TSCA/CAS No.: N/A

Manufactured by

Chemurgic Agricultural Chemicals, Inc.

P.O. Box 2106

Turlock, CA 95381

Emergency Phone Numbers

Emergency Phone Number: Daytime 209-634-2951

Nighttime 209-652-7260

EPA National Response Center: 1-800-424-8802

SECTION 2. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>CHEMICAL</u>	<u>CAS NO.</u>	<u>%</u>	<u>TLV OR PEL</u>	<u>RQ (lbs)</u>
Kaolin	1332-58-7	95	2 mg/m3 (ACGIH TLV) (A4 - not classified as human carcinogen) 5 mg/m3 (OSHA PEL - respirable fraction) 10 mg/m3 (OSHA PEL - total dust)	None
Amorphous Silica-Natural Diatomite	61790-53-2	3.5	10 mg/m3 (ACGIH TLV)	N/A

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

White powder no odor. Slight eye irritation from dust. Not D.O.T. regulated.

HEALTH: 1 REACTIVITY: 0 FLAMMABILITY: 0 ENVIRONMENT: 1
(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

SECTION 4.	FIRST AID
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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

SECTION 5.	FIRE AND EXPLOSION HAZARD DATA
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Flash Point: None
Extinguishing Media: None
Flammable Limits: None
Unusual Fire and Explosion Hazards: None
Special Fire Fighting Procedures: None

SECTION 6.	PRECAUTIONS FOR SAFE HANDLING AND USE
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In case of spill or release: Vacuum clean or wet sweep spillage
Waste Disposal: Waste should be disposed of in a closed container to prevent dust.

SECTION 7.	STORAGE AND HANDLING
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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 and Storage: NIOSH-approved Dust/Mist Respirator for non toxic nuisance dust.
Local exhaust ventilation recommended.
Other Precautions: Safety Glasses

SECTION 8.	PERSON PROTECTIVE EQUIPMENT
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Eyes: Safety glasses or full face shield
Skin: Impervious gloves and clothing
Respiratory: NIOSH-approved Dust/Mist Respirator for non toxic nuisance dust.
Ventilation: Local exhaust ventilation recommended.

SECTION 9. PHYSICAL AND CHEMICAL DATA

Appearance: White Powder
Odor: odorless
Boiling Point: NA
Vapor Pressure: NA
Vapor Density: NA
Solubility in Water: Insoluble
Bulk Density: 34 lbs./cu.ft.
Freezing Point: NA
pH: NA
Volatile: NA
Melting Point: NA

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Products: None.
Incompatibility: None known.

SECTION 11. POTENTIAL HEALTH EFFECTS

Acute Effects:
Eyes: May cause temporary discomfort and irritation
Skin: No known concern
Ingestion: No known hazard
Inhalation: Acute accidental exposure would be non specific. Symptoms might include coughing, wheezing, difficulty breathing and upper respiratory tract irritation.
Chronic Effects: Not listed as carcinogen by NTP, IARC or OSHA

SECTION 12. ECOLOGICAL INFORMATION

Do not contaminate water when disposing of equipment wash waters.
Toxicity to Plants: None known
Toxicity to Birds: None known
Toxicity to Fish and Invertebrates: None known
Algal/Lemna Growth: None known

SECTION 13. DISPOSAL CONSIDERATIONS

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

SECTION 14. TRANSPORTATION INFORMATION

Not D.O.T. Regulated

SECTION 15. REGULATORY INFORMATION

CERCLA: None.

SARA TITLE III, Section 313 Toxic Chemicals: None.

SECTION 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 MSDS is not to be taken as a warranty or representation for which Chemurgic Agricultural Chemicals, Inc. assumes legal responsibility.