

MATERIAL SAFETY DATA SHEET

GREEN CYPRESS KAOLIN CROP SPRAY

Page 1 of 4

Issue Date: 7/04

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Chemical Product

GREEN CYPRESS KAOLIN CROP SPRAY

Common Name: Sunburn protectant

Chemical Description: Dry mixture containing kaolinite silicate (clay).

TSCA/CAS No.: Not available.

Manufactured By

Monterey AgResources

P. O. Box 35000

Fresno, CA 93745-5000

Emergency Phone Numbers

Emergency Telephone: DAYS: (559) 499-2100 EVES.: (559) 431-7390

CHEMTREC (24-Hour Emergency Number): (800) 424-9300

EPA National Response Center: (800) 424-8802

SECTION 2. HAZARDOUS INGREDIENTS

| CHEMICAL | CAS NO. | % | TLV OR PEL | RQ (lbs) |
|----------|-----------|--------------|---|----------|
| Kaolin | 1332-58-7 | Trade secret | 2 mg/m ³ (ACGIH TLV) (A4 – not classifiable as a human carcinogen) 5 mg/m ³ (OSHA PEL – respirable fraction) 10 mg/m ³ (OSHA PEL – total dust) | None |

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

White powder with no odor. Slight eye irritation from dust abrasion. 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

- Eyes: Flush immediately with water for at least 15 minutes. Call a physician if eye irritation persists.
- Skin: Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. See a physician if skin becomes irritated.
- Ingestion: If conscious and alert, drink water or milk to dilute, then induce vomiting. Call a physician or Poison Control Center immediately.
- Inhalation: Move to fresh air. If breathing becomes difficult, call a physician.

SECTION 5. FIRE AND EXPLOSION HAZARDS

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|---|--|
| Flash Point: | Noncombustible. |
| Test Method: | Not available. |
| LEL Flammable Limits: | Not pertinent. |
| UEL Flammable Limits: | Not pertinent. |
| Autoignition Temperature: | Not pertinent. |
| Flammability Classification: | Noncombustible. |
| Known Hazardous Products of Combustion: | None. |
| Properties that Initiate/Contribute to Intensity of Fire: | None. |
| Potential For Dust Explosion: | None. |
| Reactions that Release Flammable Gases or Vapors: | Not known. |
| Potential For Release of Flammable Vapors: | None. |
| Unusual Fire & Explosion Hazards: | None. |
| Extinguishing Media: | Does not burn. |
| Special Firefighting Procedures: | Wear positive pressure, self-contained breathing apparatus and goggles. Avoid smoke inhalation. Contain any liquid runoff. |

SECTION 6. SPILLS AND LEAKS

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| Containment: | Prevent product spillage from entering drinking water supplies or streams. |
| Clean Up: | Sweep up and use according to labeling or package for disposal. |
| Evacuation: | Not necessary. |

SECTION 7. STORAGE AND HANDLING

| | |
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| Storage: | Store in a cool, dry place. Do not store near food or feeds. Do not stack pallets more than two (2) high. |
| Transfer Equipment: | Transfer solutions of product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc. |
| Work/Hygienic Practices: | Keep out of reach of children. Harmful if swallowed or inhaled. Avoid breathing dusts or spray mist. Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. |

SECTION 8. PERSONAL PROTECTIVE EQUIPMENT

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| Eyes: | Chemical dust/splash goggles to keep dust out of eyes. For solutions of product, use chemical/dust splash goggles or full-face shield. As a general rule, do not wear contact lenses when handling. |
| Skin: | Impervious gloves and clothes. |
| Respiratory: | NIOSH-approved dust/mist respirator (such as 3M #8710) for non-toxic nuisance dust. |
| Ventilation: | Provide appropriate ventilation and/or dust respirators to control dust level below that listed in Section 2. |

SECTION 9. PHYSICAL AND CHEMICAL DATA

| | |
|--------------------------------------|-----------------|
| Appearance: | White powder. |
| Odor: | None. |
| pH: | Not available. |
| Vapor Pressure: | Not available. |
| Vapor Density (Air = 1): | Not available. |
| Boiling Point: | Not available. |
| Freezing Point: | Not available. |
| Water Solubility: | Insoluble. |
| Density: | 35 lbs./cu. ft. |
| Evaporation Rate: | Not available. |
| Viscosity: | Not available. |
| % Volatile: | Not available. |
| Octanol/Water Partition Coefficient: | Not available. |
| Saturated Vapor Concentration: | Not available. |

SECTION 10. STABILITY AND REACTIVITY

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|-----------------------------------|-----------------|
| Stability: | Stable. |
| Conditions To Avoid: | None known. |
| Incompatibility: | None known. |
| Hazardous Decomposition Products: | None. |
| Hazardous Polymerization: | Will not occur. |

SECTION 11. POTENTIAL HEALTH EFFECTS

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| <u>Acute Effects:</u> | |
| Eyes: | Slight irritant from dust abrasion. |
| Skin: | None expected but prolonged exposure may cause dry skin and/or chaffing. |
| Ingestion: | No adverse health effects are expected. |
| Inhalation: | Mild irritant of nasal mucous membranes from nuisance dust. May cause "dry throat." |
| <u>Subchronic Effects:</u> | None known. |
| <u>Chronic Effects:</u> | May produce chronic pulmonary fibrosis and stomach granuloma. |

SECTION 12. ECOLOGICAL INFORMATION

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| Algal/Lemna Growth Inhibition: | Not known. |
| Toxicity to Fish and Invertebrates: | Not known. |
| Toxicity to Plants: | Not known. |
| Toxicity in Birds: | Not known. |

SECTION 13. DISPOSAL

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents according to state and local regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal. Do not discharge.

SECTION 14. TRANSPORTATION

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| D.O.T. Shipping Description: | Not D.O.T. Regulated. |
| Other Shipping Description: | Clay Crushed, Ground or Pulverized. (NMFC Item 48170, LTL Class 50) |

SECTION 15. REGULATORY INFORMATION

CERCLA: None.

SARA TITLE III, Section 313 Toxic Chemicals: None.

SECTION 16. OTHER

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