

IV ORGANIC 3-IN-1 PLANT GUARD - MSDS

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24 hrs. Chem-Tel 800-255-3924 (within continental US)
24 hrs. 813-248-0585 (collect) (outside continental US)

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Please Note:

The usual small quantities for individual use do not present any hazards unless ingested. This milk protein based mixture is supplied in powdered form, and to be used according to labeled directions. To contain spills, sweep up or vacuum. Avoid dust. Dispose of waste in accordance of Federal, State or Local regulations.

In case of ingestion:

- Give two 12 oz. glasses of water diluted with vinegar or fruit juice. - Consult a physician.
- Never give anything by mouth to an unconscious person.

Component Information:

COMPONENT CAS# OSHA (PEL) ACGIH (TLV)
Casein 0 00
Hydrated Lime 1305-78-8 N/A 2 mg/m³
Proprietary Natural Filler (derived from plant life)
Does not contain Radioactive Kaolin Clay Filler

Iron Oxides:

Red 1309-37-1 10mg/m³ 5mg/m³
Black 1309-38-2 6mg/m³ 10mg/m³
Yellow 51274-00-1 10mg/m³ 5mg/m³
Ultra Marine Blue 101357-30-6 NE 5mg/m³
Titanium Dioxide 1317-80-2 15mg/m³ 10mg/m³
Green Chrome III 1308-38-9 5mg/m³ 5mg/m³
Orange 7023-61-2 15mg/m³ 5mg/m³
Brown 52357-70-7 10mg/m³ 5mg/m³
Sienna 1317-63-1 15mg/m³ 5mg/m³
Crystalline Silica 14808-60-7 0.1 mg/m³ 0.1mg/m³
Respirable

Emergency Response Information: First Aid Procedures

Inhalation:

- Move subject to fresh air and get medical help for breathing difficulties.

Eye contact:

- Flush eyes with large amounts of water for at least 15 minutes.
- Consult a physician if irritation persists.

Skin Contact:

- Wash affected skin areas thoroughly with soap and water.
- Consult a physician if irritation persists.

Ingestion:

- If swallowed, give two 12oz. glasses of water diluted with vinegar, or fruit juice.
- Consult a physician.
- Never give anything by mouth to an unconscious person.

Fire Fighting Information:

Unusual Hazards:

- None.

Extinguishing Agents:

- Use extinguishing media appropriate for surrounding fire.

Personal Protective Equipment:

- Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent).
- Use full protective gear.

Hazard Information: Health Effects from Overexposure

Primary Routes of Exposure:

- Inhalation
- Skin Contact
- Ingestion

Inhalation:

Prolonged and continuous inhalation of dust of any kind can cause the following:

- Irritation of the respiratory tract
- Bronchitis
- Progressive Pulmonary Fibrosis (Silicosis)

Skin Contact:

Prolonged or repeated skin contact can cause the following:

- Contact Dermatitis
- Irritation to moist tissues
- Mucous with skin corrosion

Eye Contact:

- Eye irritation, intense watering of the eyes and possible lesions.
- May aggravate existing eye conditions when exposed for a prolonged period of time.

Spill or Leak Handling Information:

Personal Protection:

- Appropriate protective equipment must be worn when handling a large spill or this material.

Respiratory protection NIOSHA/MSHA approved Dust and Mist Respirator. If exposed to excessive material during clean up; see the FIRST AID PROCEDURES for action to follow.

Procedures:

- Contain spill and sweep up or vacuum. Do not generate dust. Use an industrial vacuum for large spills. Dispose of waste in accordance with Federal, State and Local regulations.

Accident Exposure Information: Personal Protection Measures:

Respiratory Protection:

- Use a NIOSH/MSHA approved dust and mist respirator (such as 3M #8710).
- A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. None required if airborne concentrations are maintained below the TWATLV's listed in the COMPONENT EXPOSURE INFORMATION section.

Eye Protection:

- Use splash goggles (ANSI Z87.1 or approved equivalent). Goggles recommended as liquid or powder can sting and irritate eyes.

Hand Protection:

- When handling large quantities the use of rubber or plastic gloves is suggested.

Other Protective Clothing or Equipment:

- Full length pants, long sleeve shirt.

Work/Hygienic Practices:

- Wash hands and face with soap and water. Wash and vacuum clothes and work area regularly. If exposed to large amount daily, use Vaseline to protect exposed skin, such as the neck, face and wrists.

Reactivity Information:

Instability:

- This material is considered stable. However, avoid open containers and damp conditions, as this may make the product unusable.

Hazardous Decomposition Products:

- None.

Hazardous Polymerization:

- Product will not undergo polymerization.

Incompatibility:

- Materials to avoid: Ethanol and strong acids.

Fire and Explosive Properties:

Flash Point Noncombustible

Auto-ignition Temperature Not Applicable

Lower Explosive Limit Not Applicable

Upper Explosive Limit Not Applicable

Regulatory Information:

Work Place Classifications:

- This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).
- This product is not a 'controlled product' under the Canadian Workplace Hazardous Materials Information System (WHMIS).
- Crystalline Silica (14808-60-7) is present in extremely small, but detectable, amounts. Known to the State of California to cause cancer by inhalation or ingestion.

Facility Control Measures:

Ventilation:

- Use local exhaust ventilation when handling large quantities. General mechanical ventilation is usually adequate with small quantities.

Handling Procedures:

- Use protective equipment, goggles and dust mask, if generating dust by sanding dry film.

Storage and Handling Information:

- Store in tightly closed containers in a dry, well-ventilated area, away from acids and ethanol.

Waste Disposal:

Procedure:

- Waste materials can be buried in an approved landfill in accordance with State, Federal and Local regulations.

Transportation Classifications:

US DOT Hazard Class.....NONREGULATED

The information contained herein relates only to specific materials identified. Such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, express or implied, is made as to the accuracy, reliability, or completeness of the information. We urge persons receiving this information and DIRECTIONS as guidelines, and to make their own determination as to the information's suitability and completeness for their particular application.