



Safety Data Sheet

Product of Canada

Section 1. Product and Manufacturer Identification

Product Identifier: GHP WS SW - CRYSTAL
Recommended Use: Soil Amendment
Suggested Use: Industrial/Agricultural
Canadian Supplier Identifier: Global Humic Products Ltd.
53323 Range Road 232, Sherwood Park, Alberta, Canada, T8A 4V2
Email: eliem@global-humic.com
Emergency phone: 780-464-8642
Date Prepared: Oct 29, 2024

Section 2. Hazard Identification

Hazard Classification: Acute toxicity: oral, dermal, inhalation (Category 4) - maybe harmful swallowed
Skin irritation (Category 3) - causes mild skin irritation
Eye irritation (Category 2A) - causes eye irritation
Specific target organ toxicity: respiratory tract irritation (Category 3) - (dust) may cause respiratory irritation

Label Elements: WARNING



If medical advice is needed, have product container or label at hand
Keep out of reach of children
Do not get in eyes, on skin, or on clothing
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
Wear respiratory protection

Section 3. Composition / Information on Ingredients

Chemical Name: Potassium humate
Common Name and Synonyms: N/A
Chemical Abstract Service Registry Number: 68514-28-3
Chemical Name of Impurities: N/A

Section 4. First Aid Measures

If swallowed: Rinse mouth
If on skin or hair: Rinse skin with water/shower
If Inhaled (Dust): Remove person to fresh air and keep comfortable for breathing
If in Eyes: Rinse cautiously with water for several minutes
If on Clothing: Take off contaminated clothing and wash it before reuse
Flammability: Not considered a fire hazard

Section 5. Fire Fighting Measures

Means of Extinction: Use media appropriate to surround fire
Special Procedures: Use protective clothing and breathing equipment

Section 6. Accidental Release Measures

Cleaning: Sweep and contain, notify appropriate authorities when release to environment occurs.
Containment: Storage containers

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Section 7. Handling and Storage

Handling: Ordinary dry material transfer and storage equipment (buckets, etc)
Storage: Store in a dry place, closed container, at temperatures not exceeding 50°C or below freezing

Section 8. Exposure Controls / Personal Protection

Personal Protective **Respiratory Protection Equipment** - an approved NIOSH/MSHA respirator with a dustfilter, approved for silica bearing dust
Protective Gloves - wear loose fitting gloves
Eye protection – goggles required when working with bulk material Local exhaust and confinement of handling system may berequired to control dust

Section 9. Physical and Chemical Properties

Physical State: Dry
Odor: Odorless
Odor Threshold: N/A
Vapor Pressure: N/A
Vapor Density: N/A
Evaporation Rate: N/A
Boiling Point: N/A
pH: 10.2
Appearance: Dark brown
Specific Gravity: 590 kg/m³
Coefficient of Water/ N/A
Oil Distribution: N/A
Moisture: 10 to 20%, may lose or gain over time, depending on humidity and environment

Section 10. Stability and Reactivity

Chemical Stability: Stable under ambient conditions
Incompatibility with other Substances: Non-reactive
Minimum Ignition Temperature: 270°C @ 3% moisture, 590 °C @ 25% moisture
Minimum Explosive Concentration: 60 to 90 g/m³ @ 3% moisture, 500 g/m³ @ 25% moisture
Minimum Ignition Energy: 1,000 mJ
Susceptibility to Spontaneous Combustion: N/A

Section 11. Toxicological Information

Lethal Dose: N/A
Lethal Concentration: N/A
Routes of Exposure: Ingestion, skin contact, eye contact, inhalation
Effects of Repeated (Chronic) Exposure: Prolonged and/or repeat exposure vis inhalation of dust may result in progressive and permanent lung disorders.
Free Silica: ≤ 2%
Respirable Quartz Silica: ≤ 0.5%
Significant Laboratory Data with Possible Relevance to Human Health Hazard Evaluation: Dust has been related to silicosis, ACGIH Recommends ≤ 2 mg/m³ respirable dust (TWA limit)

Section 12. Ecological Information

Ecological Concerns: N/A

Section 13. Disposal Considerations

Disposal: In accordance with applicable environmental regulations, landfills

Section 14. Transportation Information

Department of Transportation: Not considered hazardous material

Section 15. Regulatory Information

Registrations: United States Department of Agriculture - National Organic Program Canadian Food Inspection Agency (Exempt). California Department of Food and Agriculture Other states in United States

Section 16. Other Information

Latest Revision: Oct 29, 2024