

USABlueBook

3781 Bur Wood Dr., Waukegan, IL 60085 (847-689-3000)

Emergency Telephone No.: 800-535-5053

Section 1 – Chemical Product and Company Identification

Catalog Numbers: 29508

Product Identity: Calcium Carbonate

Manufacturer's Name: AquaPhoenix Scientific, Inc., 9 Barnhart Dr., Hanover, PA 17331

Emergency Contact Number (24hr): InfoTrac (800) 535-5053

Section 2 – Composition, Information on Ingredients

Calcium Carbonate, CAS# 471-34-1, ACGIH TLV: NA, OSHA PEL: NA

Section 3 – Hazard Identification

Emergency Overview: May cause irritation to the respiratory tract, eyes and skin. Wash areas of contact. Get medical attention if irritation develops. May cause central nervous system effects. May cause kidney damage. If ingested, dilute with water and get medical attention.

Target Organs: respiratory system, eyes, and skin,

Potential Health Effects

Eyes: May cause irritation.

Skin: May cause irritation.

Ingestion: May cause gastrointestinal irritation.

Inhalation: May cause mild irritation to the upper respiratory tract.

Chronic Effect / Carcinogenicity: None (IARC, NTP, OSHA)

Section 4 – First Aid

Eyes: Immediately flush eyes with water for at least 15 minutes. Immediately get medical assistance.

Skin: Flush with water for 15 minutes. Get medical assistance if irritation develops.

Ingestion: DO NOT induce vomiting. Dilute with water or milk. Get medical assistance.

Inhalation: Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

Section 5 – Fire Fighting Measures

Flash Point: NA

Extinguishing Media: Any means suitable for extinguishing fire.

Fire & Explosion Hazards: Not considered to be a fire or explosion hazard.

Fire Fighting Instructions / Equipment: Use normal procedures. Use protective clothing. Use NIOSH-approved breathing equipment.

NFPA Rating: (estimated) Health: 1; Flammable: 0; Reactivity: 0

Section 6 – Accidental Release Measures

Sweep up and containerize for disposal.

Section 7 – Handling and Storage

Handling: Wash hands after handling. Avoid contact with skin and eyes. Do not mix with acids.

Storage: Keep container tightly closed in a cool, dry area. Protect from freezing and physical damage. Keep away from strong acids.

Section 8 – Exposure Controls, Personal Protection

Engineering Controls: Normal ventilation is adequate.

Respiratory Controls: Normal ventilation is adequate.

Skin Protection: Chemical resistant gloves.

Eye Protection: Safety Glasses or goggles.

Section 9 – Physical and Chemical Properties

Appearance: white powder

pH: 8-9 (Sol'n)

Boiling Point: NA

Melting Point: 825 C

Odor: Odorless

Solubility in Water: Slightly soluble in water.

Specific Gravity: Approx 2.7-2.9

Vapor Pressure: NA

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal conditions of use and storage.

Incompatibility: Will ignite in contact with Fluorine. Incompatible with acids, alum, ammonium salts and mercury with hydrogen

Hazardous Decomposition Products: Oxides of calcium.

Hazardous Polymerization: Does not occur

Section 11 – Toxicological Information

LD50 orl-rat: 6450 mg/kg

LC50 inhalation-rat: NA

Section 12 – Ecological Information

Ecotoxicity: NA

Section 13 – Disposal Considerations

Containerize for disposal.

All chemical waster generators must determine whether a discarded chemical is classified as hazardous waste.

Comply with all local, state, and federal regulations.

Section 14 – Transport Information

DOT - Not Regulated

Section 15 – Regulatory Information (not meant to be all inclusive)

OSHA Status: These chemicals are not considered hazardous by OSHA.

TSCA: The components of this solution are listed on the TSCA Inventory

SARA Title III Section 313: Not Applicable

RCRA Status: Not Applicable

CERCLA Reportable Quantity: NA

WHMIS: D-2B: Poisonous and Infectious Material. Materials causing other toxic effects – Toxic Material.

Section 16 – Additional Information

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