

Material Safety Data Sheet



Section 1: PRODUCT AND COMPANY IDENTIFICATION

Vi-Jon Incorporated
8515 Page Avenue
Saint Louis, MO 63114

Phone: 314-427-1000
In Case of Spill Emergency Contact:
Chemtrec: 1-800-424-9300

Product Name: Alum Powder
Product Code: 040
Product Use: Various
Issue Date: 03/27/2009
Supersedes Date: 03/09/08

Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Keep out of reach of children.
Appearance/Odor: Odorless white powder.

Symptoms of Exposure:

Inhalation: May cause irritation of the lower respiratory tract.
Ingestion: May cause nausea, vomiting and diarrhea.
Eyes: May cause irritation to the eyes.
Skin: None expected.

This material does not contain any components that are considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

There are no components that are considered an OSHA health hazard.

Section 4: FIRST AID MEASURES

Emergency first aid procedures by route of exposure:

- Inhalation:** If symptoms are experienced, remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
- Ingestion:** Do not induce vomiting. If the material is swallowed, get medical attention or advice.
- Skin:** If irritation is experienced, rinse with soap and water. If symptoms persist, get medical attention.
- Eyes:** Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms persist, get medical attention.

Section 5: FIRE FIGHTING MEASURES

- Flash Point:** Not Available
Method Used: Not Available
Auto Ignition: Not Available
Flammability Classification: Not Available

Extinguishing Media: Use methods appropriate for the surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder, or alcohol resistant foam.

Products of Combustion: Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.

Fire Fighting Equipment/Instructions: Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self contained breathing apparatus.

NFPA Rating: Health: Not Available Fire: Not Available Reactivity: Not Available
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: For large spills wear gloves, safety glasses and when levels exceed OSHA PEL use appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away.

Methods for Clean-Up: Containerize in approved chemical waste container. Wash spill area.

Section 7: HANDLING AND STORAGE

Handling: Prevent contact with eyes. Avoid inhalation.

Storage: Keep the container tightly closed and in a cool, well ventilated place..

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: **Normal room ventilation is usually adequate under normal use.**

Personal Protective Equipment (PPE)

Eye/Face Protection: None needed under normal use.

Skin Protection: None needed under normal use.

Respiratory Protection: None needed under normal use.

General Hygiene Considerations: Wash hands after use.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Color: White Powder

Odor: Odorless

Physical State: Powder

pH: Not Available

Vapor Density: Not Available

Boiling Point: Not Available

Vapor Pressure: Not Available

Melting Point: Not Available

Freezing Point: Not Available

Flash Point: Not Available

Flammability Properties: Not Available

Density (talc): 1.645 g/cm³ at 20°C

Solubility (in water): 0.667 g/mL at 100°C

Evaporation Rate: Not Available

Octanol/Water partition coefficient (Kow): Not Available

Auto-ignition temperature: Not Available

Decomposition temperature: Not Available

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal ambient temperatures 70°C (21°C)

Condition to Avoid: Not Available

Incompatible Materials: This product reacts with strong acid, strong bases, and oxidizing agents.

Hazardous Decomposition: upon decomposition, this product evolves carbon monoxide, carbon dioxide, and/or low weight hydrocarbons.

Hazardous Reactions: Hazardous polymerization will not occur.

Section 11: TOXICOLOGY INFORMATION

ACUTE EFFECTS:**A: General Product information**

Not expected to cause irritation when used in accordance to label.

CHRONIC EFFECTS:

Carcinogenicity: No information available for product.

Neurotoxicity: No information available for product.

Mutagenicity: No information available for product.

Reproductive: No information available for product.

Developmental: No information available for product.

Section 12: ECOLOGICAL INFORMATION

No information available for product.

Section 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state, and local regulations.

Section 14: TRANSPORTATION INFORMATION

This material is not regulated as a hazardous material for transportation.

Section 15: REGULATORY INFORMATION

Ammonium Aluminum (CAS 7784-25-0) is on the TSCA inventory.

Section 16: Other Information

Prepared by: Vi-Jon Inc.

Disclaimer:

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