

AERCHEM INC.
320 North Walnut
Bloomington, IN 47408

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Product Name:

Dried Aluminum Hydroxide Gel

SECTION 2: HAZARDOUS INGREDIENTS/SARA III INFORMATION

No reportable quantities of hazardous ingredients are present.

No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of CFR 372 are present.

CAS No.:

21645-51-2

SECTION 3: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:

N/A

Specific Gravity (H₂O=1):

0.3

Vapor Density:

Lighter than air.

Evaporation Rate:

Slower than ether.

Coating V.O.C.:

N/A

Material V.O.C.:

N/A

Solubility in Water:

Insoluble

Appearance and Odor:

White, odorless, tasteless, amorphous powder.

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point:

N/A

Method Used:

N/A

Flammable Limits in Air by Volume:

Lower: N/A

Upper: N/A

Extinguishing Media:

Other

Special Firefighting Procedures:

Use media appropriate for original cause of fire.

Unusual Fire and Explosion Hazards:

Heat may cause some release of Carbon Dioxide.

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SECTION 5: REACTIVITY DATA

Stability:

Stable

Incompatibility (Material to Avoid):

Strong acids.

Hazardous Decomposition or Byproducts:

Water, CO₂

Hazardous Polymerization:

Will not occur.

SECTION 6: HEALTH HAZARD DATA

Inhalation Health Risks and Symptoms of Exposure:

Respiratory difficulties.

Skin and Eye Contact Health Risks and Symptoms of Exposure:

Prolonged skin contact may cause dryness or chapping.

Eye contact may cause irritation.

Skin Absorption Health Risks and Symptoms of Exposure:

N/A

Ingestion Health Risks and Symptoms of Exposure:

Used as antacid

Health Hazards (Acute and Chronic):

Eye contact may cause irritation.

Carcinogenicity:

NTP?: No

IARC Monographs?: No

OSHS Regulated?: No

Medical Conditions Generally Aggravated by Exposure:

Only those problems associated with nuisance dusts, such as respiratory difficulties.

Emergency and First Aid Procedures:

Inhalation: Support breathing if necessary.

Eyes: Flush with running water.

Skin: Wash with water.

Ingestion: None-Product is taken internally as antacid.

Text:

Not established

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is released or Spilled:

Sweep or scoop up. Do not flush to sewers since product is insoluble in water and will stop up drains.

Waste Disposal Method:

Landfill in accordance with all applicable regulations.

Precautions to be Taken in Handling and Storing:

Keep in a cool dry place. Keep away from materials with a strong odor, as odor will be absorbed.

Other Precautions:

Avoid breathing dust.

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SECTION 8: CONTROL MEASURES

:

Unstable

Hazardous Polymerization:

Will not occur.

Conditions to Avoid:

Reacts violently with water and alcohols.

Causes violent exothermic reaction with water and alcohols.

Hazardous Decomposition Products:

On reaction with water, generates acetic acid and hydrochloric acid.

SECTION 9: SPILL OR LEAK PROCEDURES/WASTE DISPOSAL

Spill or Leak Procedures:

Remove all sparking devices or ignition sources.

Neutralize with sodium bicarbonate, soda ash or lime.

Carefully collect into suitable container.

Waste Disposal:

Dispose of or incinerate in accordance with regulations.

SECTION 10: EMPLOYEE PROTECTION

Respiratory Protection:

Use self-contained breathing apparatus when exposed to vapors.

Chemical cartridge respirator recommended<

Protective Clothing:

Rubber gloves

Safety goggles or full face shield.

Clothing suitable to prevent skin contact.

Additional Protective Measures:

Use mechanical ventilation.

SECTION 11: SPECIAL PRECAUTIONS

Store in cool dry place. Keep tightly sealed.

Observe all necessary precautions for handling flammable liquids.

SECTION 12: OTHER REGULATORY CONTROLS

Other Regulatory Controls:

This product is listed on the TSCA inventory.

This product has been reviewed for SARA Title III.

OSHA Physical Hazards:

Corrosive

Flammable

Water Reactive

Hazard Communication Label:

28.1

SARA Hazard Class:

Acute: Yes

Chronic: No

Fire Hazard: Yes

Pressure: No

Reactivity: Yes