



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

DRIED ALUMINUM HYDROXIDE GEL USP

30-5167

Section 1: Identification

Product Name DRIED ALUMINUM HYDROXIDE GEL USP
Commercial Name N/A
Product Use Formulation additive, Pharma Active Ingredients, For manufacturing, processing, or repacking
Restrictions On Use N/A
Product Code 30-5167
Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: N/A
CFR 1910.1200
Signal Word NON-HAZARDOUS
Hazard Statement(s) N/A
Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention N/A
Response N/A
Storage N/A
Disposal N/A

Section 3: Composition/Information on Ingredients

Substance/Mixture SUBSTANCE
Components ALUMINUM HYDROXIDE
% By Weight 100%
CAS# 21645-51-2
Molecular Weight N/A
Chemical Formula N/A
Synonym(s) N/A

Mixtures

| Name | CAS# | % by Weight | TLV/PEL | LC50/LD50 |
|--------------------|------------|-------------|---------|-----------|
| ALUMINUM HYDROXIDE | 21645-51-2 | 100 | N/A | N/A |

Section 4: First-Aid Measures

Inhalation IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen

Skin Contact Wash off immediately with soap and plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician

Eye Contact Rinse immediately carefully and thoroughly with eye-bath or water. If eye irritation persists, consult a specialist

Ingestion If swallowed, seek medical advice immediately and show this SDS or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person

Symptoms/Effects**Acute** N/A**Delayed** N/A**Immediate Medical Attention**

Avoid contact with skin and eyes. Treat symptomatically.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Carbon dioxide (CO2) Dry powder Dry sand Alcohol-resistant foam Use water spray or fog; do not use straight streams

Unsuitable Extinguishing Media

N/A

Products of Combustion

May emit toxic fumes under fire conditions. Carbon monoxide Carbon dioxide (CO2)

Firefighters Special Equipment and Precautions

Wear self contained breathing apparatus for fire fighting if necessary

Section 6: Accidental Release Measures

Personal precautions: Use personal protective equipment. Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Clean-up methods: Do not create a powder cloud by using a brush or compressed air. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

Section 7: Handling and Storage

Safe handling Avoid contact with skin, eyes and clothing. Avoid breathing mists, dusts, or vapors. Wash hands thoroughly after handling Storage Conditions Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep product and empty container away from heat and sources of ignition.

Section 8: Exposure Controls/Personal Protection**Exposure Limits**

Occupational Exposure Limit for Hazardous Agents in the Workplace AUSTRIA:TWA: 5 mg/m3 STEL: 10 mg/m3 LITHUANIA:TWA (IPRD): 6 mg/m3 SWITZERLAND:TWA (MAK) - 3 mg/m3 60 µg/g creatinine urine no restrictions Aluminum POLAND:TWA: 2.5 mg/m3 TWA: 1.2 mg/m3 GERMANY:4 mg/m3 dust, inhalable fraction 1.5 mg/m3 dust, respirable fraction LATVIA:TWA: 6 mg/m3

Engineering Controls

Maintain adequate engineering controls and/or ventilation to keep hazardous ingredients below their statutory limits. Use an approved respirator whenever exposure limits are exceeded

Personal Protection

Handle in accordance with good industrial hygiene and safety practice Eye protection Safety glasses Hand protection Rubber gloves, Neoprene gloves. The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended. Skin and body protection Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place Respiratory protection: Effective dust mask

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Section 9: Physical and Chemical Properties

| | | | |
|---|--|--|-------------------------------|
| Appearance | SOLID, POWDER, WHITE | | |
| Odor | N/A | | |
| Odor Threshold | N/A | | |
| Melting Point | CA. 2040C | pH | 5-9 (SUSPENSION) 100 g/l @20C |
| Freezing Point | N/A | Vapor Pressure | N/A |
| Boiling Point/Range | N/A | Vapor Density | N/A |
| Decomposition temperature | N/A | Viscosity | N/A |
| Partition Coefficient: n-octanol/water | N/A | Evaporation Rate | N/A |
| Flash Point | N/A | Autoignition temperature | N/A |
| Flammability | N/A | Flammability or Explosive Limits: | |
| | | Lower | N/A |
| | | Upper | N/A |
| Solubility(ies) | N/A | | |
| Other | Density: 0.3 g/cm ³ - 1.0 g/cm ³ @ 20C | | |

Section 10: Stability and Reactivity

| | |
|---|--|
| Reactivity | NO DANGEROUS REACTION KNOWN UNDER CONDITIONS OR NORMAL USE |
| Chemical Stability | STABLE UNDER RECOMMENDED STORAGE CONDITIONS |
| Hazardous Polymerization | N/A |
| Conditions to Avoid | HEAT, FLAMES AND SPARKS |
| Incompatible Materials | STRONG ACIDS AND OXIDISING AGENTS |
| Hazardous Decomposition Products | N/A |

Section 11: Toxicological Information**RTECS** N/A**Acute Toxicity**

LD50/ORAL: >5000 MG/KG

Skin Corrosion/Irritation

N/A

Serious Eye Damage/Irritation

N/A

Respiratory or Skin Sensitization

N/A

Germ Cell Mutagenicity

N/A

Carcinogenicity

There are no known carcinogenic chemicals in this product.

Reproductive Toxicity

N/A

Routes of Entry

LD50/ORAL/RAT=>2000 MG/KG

Symptoms Related to Exposure

N/A

Potential Health Effects

N/A

Target Organ(s) N/A**Section 12: Ecological Information****Ecotoxicity**

The environmental impact of this product has not been fully investigated

Persistence and Degradability

Not inherently biodegradable

Bioaccumulative Potential

Does not bioaccumulate

Mobility in Soil

N/A

Other Adverse Effects

N/A

Section 13: Disposal Considerations**Waste Disposal**

Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with federal, state and local regulations. EWC waste disposal No: According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Further Information: Waste codes should be assigned by the user based on the application for which the product was used

Disposal of Container

Empty containers should be taken to local recyclers for disposal

Other Considerations

N/A

Section 14: Transport Information**DOT Classification**

Surface Shipments in Europe (ADR/RID): Not regulated International Air Transport Association (IATA) Not regulated International Maritime Dangerous Goods (IMDG) Not regulated

Section 15: Regulatory Information**Regulations**

international Inventories USA (TSCA) Complies EU (EINECS) Complies EU REACH: Complies CANADA (DSL) Complies CANADA (NDSL) Not applicable JAPAN (ENCS): Complies PHILIPPINES (PICCS): Complies KOREA (KECL) Complies China (IECSC) Complies AUSTRALIA (AICS) Complies NEW ZEALAND (NZIoC): Complies TAIWAN (NECI) Complies Legend: TSCA - United States Toxic Substances Control Act Section 8(b) Inventory EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List ENCS - Japan Existing and New Chemical Substances PICCS - Philippines Inventory of Chemicals and Chemical Substances KECL - Korean Existing and Evaluated Chemical Substances IECSC - China Inventory of Existing Chemical Substances AICS - Australian Inventory of Chemical Substances NZIoC - New Zealand Inventory of Chemicals NECI - Taiwan National Existing Chemical Inventory EU-Regulations For purchases from Elementis EU legal entities, all ingredients are currently registered or exempt under REACH. For purchases from non-EU Elementis legal entities with the intention to export into the EU, please contact your Elementis representative/local office. National Regulations Germany: Water Hazard Class (WGK): Generally not hazardous for water

Other

Chemical Safety Assessment: No information available

Section 16: Other Information

N/A



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