



Safety Data Sheet

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

Magnesium Aluminum Silicate NF

30-1153

Section 1: Identification

Product Name Magnesium Aluminum Silicate NF
Commercial Name Not available.
Product Use Pharmaceutical
Restrictions On Use Not available

Product Code 30-1153

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: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Signal Word NON-HAZARDOUS

Hazard Statement(s) Not available

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention	Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand. Avoid excessive dust generation. Avoid breathing dust. Use only with adequate ventilation. Not an acute hazard. May cause mechanical eye or skin irritation. Prolonged inhalation may cause lung injury. Physical form is unlikely to generate dust under normal conditions of use. Material will become slippery when wet.
Response	Not available
Storage	Store locked up. Store in a dry place.
Disposal	Not available

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components smectite clay quartz (non respirable)
% By Weight 100
CAS# 12199-37-0 14808-60-
Molecular Weight Not available.
Chemical Formula Not available.
Synonym(s) Silicic acid, aluminum magnesium salt; Smectite-Group Minerals

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
smectite clay quartz	12199-37-0 148	100	Not available.	Not available.

Section 4: First-Aid Measures

Inhalation	Remove to fresh air. If respiratory distress develops, seek medical attention.
Skin Contact	Flush skin with plenty of water. Seek medical attention if irritation develops.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician
Ingestion	Unlikely to be toxic by ingestion. Rinse mouth out with water. Do not induce vomiting unless directed to do so by medical personnel. Seek medical attention if significant quantities have been ingested or symptoms occur.
Symptoms/Effects	
Acute	Eye contact: Not a primary eye irritant. May cause mechanical irritation.
Delayed	Not available.
Immediate Medical Attention	
Treat symptomatically	

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

This product is not combustible. Use an extinguishing agent suitable for the surrounding fire.

Unsuitable Extinguishing Media

No restrictions.

Products of Combustion

Not available.

Firefighters Special Equipment and Precautions

Product may become slippery when wet. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6: Accidental Release Measures

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel" Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, rains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air)

Section 7: Handling and Storage

Handling: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also section 8 for additional information on hygiene measures. Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See section 10 for incompatible materials before handling or use.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
------------------------	--

Engineering Controls

Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below established levels below recommended exposure limits. If user operations generate dust, use ventilation to keep exposure to airborne contaminants below the exposure limit. Under controlled laboratory test conditions the granular particulate form of this product was found to produce a 3 fold reduction in airborne respirable dust (<10 microns) when compared to flake particulate forms of the same product. Use in an industrial setting is likely to yield similar aerosol dust suppression. As per sound industrial hygiene practice, however, dust levels should be determined by direct dust monitoring at the work site to address variations in material handling and dust control practices.

Personal Protection

Hygiene Measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. Recommended: splash goggles Hand Protection: Protective gloves should be worn under normal conditions of use. Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Respiratory protection: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: disposable particulate mask.

Section 9: Physical and Chemical Properties

Appearance	Solid. Off-white, Tan granules		
Odor	None		
Odor Threshold	Not available.		
Melting Point	Not available.	pH	9-10 [Conc. (%w/w): 5%]
Freezing Point	Not available.	Vapor Pressure	Not applicable.
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available
Flash Point	Product does not sustain con	Autoignition temperature	Not available
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Not available.		
Other	Relative density 2.6		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Stable under normal conditions.
Hazardous Polymerization	None under normal processing.
Conditions to Avoid	Not available.
Incompatible Materials	Not available.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information
RTECS VV8880000

Acute Toxicity

Not available.

Skin Corrosion/Irritation

Not available

Serious Eye Damage/Irritation

Not available

Respiratory or Skin Sensitization

Not available

Germ Cell Mutagenicity

Not available

Carcinogenicity

quartz is known to be a human carcinogen.

Reproductive Toxicity

Not available

Routes of Entry

Not available.



Safety Data Sheet

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

Magnesium Aluminum Silicate NF

30-1153

Symptoms Related to Exposure

Not available

Potential Health Effects

Not available

Target Organ(s) Not available.

Section 12: Ecological Information

Ecotoxicity

Not available

Persistence and Degradability

Not available

Bioaccumulative Potential

Inherently biodegradable

Mobility in Soil

Not available

Other Adverse Effects

Not available

Section 13: Disposal Considerations

Waste Disposal

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Disposal of Container

This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Other Considerations

Not available

Section 14: Transport Information

DOT Classification

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information

Regulations

SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372. SARA 311/312 Hazard Categories Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. CWA (Clean Water Act) This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42). CERCLA This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material. US State Regulations California Proposition 65 This product does not contain any Proposition 65 chemicals. U.S. State Right-to-Know Regulations This product does not contain any substances regulated under applicable state right-to-know regulations U.S. EPA Label Information EPA Pesticide Registration Number Not applicable

Other

Not available.



Safety Data Sheet

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

Magnesium Aluminum Silicate NF

30-1153

Section 16: Other Information

References Not available. Other Special Not applicable. Validated by Sue Kelly on 4/9/2009. Verified by Sue Kelly. Previous Validation Date 12/17/2008. Printed 4/9/2009. Information Contact John Kelse (203) 853 -1400 ext. 217 Corporate Risk Management Notice to Reader :Information presented here in has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledg and belief but is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or any product in violation of any patent o in violation of any law or regulation. It is the user's responsibility to determine for himself the suitability of any material for a specific purpose and t adopt such safety precautions as maybe necessary. We make no warranty as to the results to be obtained in using any material and, since condition of use are not under our control we must necessarily disclaim all liability with respect to the use of any material supplied by us.