Safety Data Sheet

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

Section 1: Identification

Product Name Magnesium Stearate NF
Commercial Name Not available.
Product Use Not available.
Restrictions On Use Not available.

Product Code 30-1129

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: CFR 1910.1200 Not available

Signal Word NON-HAZARDOUS

Hazard Statement(s) Not available.

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Not available
Response Not available
Storage Not available
Disposal Not available

Section 3: Composition/Information on Ingredients

Substance/Mixture Substacne
Components Magnesium stearate
% By Weight 100
CAS# 557-04-0
Molecular Weight Not available.
Chemical Formula (C17H35COO)2Mg
Synonym(s) Octadecanoic acid, magnesium salt; Dibasic magnesium stearate; Stearic acid, magnesium salt

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
			N/A	N/A

Section 4: First-Aid Measures

Inhalation : If product dust causes respiratory irritation or distress, move the exposed person to fresh air immediately. If breathing is difficult or irregular, administer oxygen; if respiratory arrest occurs, start artificial respiration by trained personnel. Loosen tight fitting clothing such as a collar, tie, belt, or waistband. If symptoms persist, seek medical attention immediately

Skin Contact Flush skin with large amounts of water while removing contaminated clothing and continue rinsing for at least 15 minutes. Wash contaminated clothing and shoes thoroughly before reuse. If irritation occurs or persists, seek medical attention.

Eye Contact Immediately flush eyes with large amounts of water for 15 minutes, occasionally lifting the upper and lower lids. Remove contact lenses if present and easy to do, after the first 5 minutes of rinsing and continue rinsing. If irritation persists seek medical attention, preferably from an ophthalmologist.

Ingestion Rinse mouth with water. Remove dentures if any. If conscious and alert, give victim 2 - 4 cups of milk or water to drink. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Obtain medical attention immediately if ingested.

Symptoms/Effects

Acute Eyes: Particulates may cause mechanical irritation of the eyes. Skin: Not expected to be irritating to skin. Inhalation: May cause irritation of the respiratory tract. Inhalation of a nuisance dust may cause coughing, sneezing and nasal irritation. Ingestion: No hazard expected in normal industrial use. Chronic: Prolonged and repeated inhalation of dust may cause a progressive chemical pneumonitis and pulmonary edema.

Delayed Eyes: Particulates may cause mechanical irritation of the eyes. Skin: Not expected to be irritating to skin. Inhalation: May cause irritation of the respiratory tract. Inhalation of a nuisance dust may cause coughing, sneezing and nasal irritation. Ingestion: No hazard expected in normal industrial use. Chronic: Prolonged and repeated inhalation of dust may cause a progressive chemical pneumonitis and pulmonary edema.

Immediate Medical Attention

Treat symptomatically and supportively

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Use extinguishing media best suited for surrounding fire.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Closed containers may explode due to the build-up of pressure when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. Explosion hazards: Fine dust dispersed in air in sufficient concentrations create a potential dust explosion hazard.

Firefighters Special Equipment and Precautions

Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat. Water contaminated by this material must be contained from being discharged to any waterway, sewer or drain to prevent environmental contamination.

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Avoid dust generation and accumulation. Do not inhale dust. Keep upwind of spill. Ventilate the area. Evacuate non-essential personnel. Wear appropriate protective clothing designated in Section 8. Remove all sources of ignition. Environmental precautions: Avoid dispersal of spilled material or run-off and prevent contact with soil and entry into drains, sewers or waterways. Methods and materials for containment and cleaning up: Cover drains and contain spill. Sweep up, vacuum or shovel up material and place into an approved container for proper disposal. Observe possible material restrictions (Sections 7.2 and 10.5). Dispose of waste via a licensed waste disposal contractor.

Section 7: Handling and Storage

Precautions for safe handling: Wear all appropriate personal protective equipment specified in Section 8. Do not get in eyes or on skin or clothing. Do not breathe dust. If normal use of material presents a respiratory hazard, use only adequate ventilation or wear an appropriate respirator. Wash contaminated clothing and shoes before reuse. Advice on protection against fire and explosion: Material creates a dust explosion hazard when sufficient dust concentrations are dispersed in air in the presence of ignition sources. Conditions for safe storage, including any incompatibilities: Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10.5), food and drink. Transfer only to approved containers having correct labeling. Keep container tightly closed. Protect container against physical damage. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids). Use appropriate containment to avoid environmental contamination. Ventilate closed areas. Do not take internally. Keep out of reach of children.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	ACGIH TLV: 10 mg/m3 TWA (except stearates of toxic metals) (listed under stearates)
Engineering Controls	Technical measures and appropriate working operations should be given priority over the use of personal protective equipment. Use adequate ventilation. Local exhaust is preferable.
Personal Protection	Individual protection measures: Wear protective clothing to prevent repeated or prolonged contact with product. Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the representative supplier. Hygiene measures: Facilities storing or using this material should be equipped with an eyewash station and safety shower. Change contaminated clothing. Preventive skin protection is recommended. Wash hands thoroughly after use, before eating, drinking, or using the lavatory. Eye/face protection: Wear protective goggles or safety glasses with non-perforated side shields and a face shield. Refer to 29 CFR 1910.133, ANSI Z87.4 or Standard EN 166. Hand Protection: Wear gloves recommended by glove supplier for protection against materials in Section 3. Gloves should be impermeable to chemicals and oil. Breakthrough time of gloves must be greater than the intended use period. Other protective equipment: Protective clothing. Protective boots, if the situation requires. Respiratory Protection: Wear an approved filter type dust respirator when handling this product. Where risk assessment shows air-purifying respirators are appropriate use a full-faced respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

Section 9: Physical and Chemical Properties

Appearance	Fine white powder
Odor	Slight, fatty
Odor Threshold	Not available

Melting Point	130 - 140°C (266 - 284°F)	**pH**	7-9 (in water solution of 20C)
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 applicable
Flash Point	250°C (482°F)	**Autoignition temperature**	690°C (1274°F)
Flammability	Not available	**Flammability or Explosive Limits:**	
		Lower	40 mg/m3
		Upper	Not applicable

Solubility(ies)	Insoluble in water.
Other	Not available.

Section 10: Stability and Reactivity

Reactivity	No special reactivity has been reported.
Chemical Stability	This product is stable under recommended storage conditions, handling and use.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to Avoid	Avoid dust generation, high temperatures and contact with incompatible materials
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Thermal decomposition products include oxides of carbon

Section 11: Toxicological Information

RTECS WI4390000

Acute Toxicity
LD50, rat: >10 g/kg

Skin Corrosion/Irritation
May cause skin irritation

Serious Eye Damage/Irritation
May cause eye irritation. May cause mechanical irritation.

Respiratory or Skin Sensitization
Not available.

Germ Cell Mutagenicity
Not available

Carcinogenicity
Not Identifiable

Reproductive Toxicity
Not available

Routes of Entry
Skin. Eye.

Symptoms Related to Exposure
Not available

Potential Health Effects
Not available.

Target Organ(s) Not available

Section 12: Ecological Information

Ecotoxicity
Not available.

Persistance and Degradability
Not available

Bioaccumulative Potential
Not available

Mobility in Soil
Not available

Other Adverse Effects
Not available

Section 13: Disposal Considerations

Waste Disposal
: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Disposal of Container
Not available

Other Considerations
Not available

Section 14: Transport Information

DOT Classification
DOT 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
Safety, health, and environmental regulations/legislation specific for substance or mixture U. S. Federal Regulations OSHA Hazard Communication Standard: This material is classified as hazardous in accordance with OSHA 29 CRF 1910.1200. OSHA Process Safety Management Standard: Chemicals in this product are not regulated under OSHA PSM Standard 29 CFR 1910.119. EPA Risk Management Planning Standard: Chemicals in this product are not regulated under EPA RMP Standard (RMP) 40 CFR Part 68. EPA Federal Insecticide, Fungicide and Rodenticide Act: This product is a registered Pesticide under the FIFRA, 40 CFR Part 150. TSCA Status: All components of this product are listed on the Toxic Substance Control Act (TSCA) Inventory. This product is not subject to TSCA 12(b) Export Notification. Superfund Amendments and Reauthorization Act (SARA) SARA 3131nformation: None of the chemicals in this product are subject to reporting requirements of Section 313 of the Emergency Planning and Community Right-to Know Act of 1986. SARA Section 311/312 Hazard Categories: None SARA 302/304 Extremely Hazardous Substance: None of the chemicals in this product are subject to reporting requirements of these sections of Title III of SARA. SARA 302/304 Emergency Planning & Notification: None of the chemicals in this product are subject to reporting requirements of these sections of Title III of SARA. Comprehensive Response Compensation and Liability Act (CERCLA): This product contains no CERCLA reportable substances. Clean Air Act (CAA) This product does not contain any substances that listed as Hazardous Air Pollutants (HAPs) designated in CM Section 112 (b). This product does not contain any Class 1 Ozone depletors. This product does not contain any Class 2 Ozone depletors. Clean Water Act (CWA) None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA. U.S. State Regulations California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains no chemical(s) known to the state of California to cause cancer or other reproductive harm. Other U.S. State Inventories: Magnesium Stearate (CAS #557-04-0) is not listed on any State Hazardous Substance Inventories, Right-to-Know lists and/or Air Quality/Air Pollutants lists.

Other
Not available.

Section 16: Other Information

Not available.