

MSDS Material Safety Data Sheet

PROFILE Products, LLC



Sodium-pHix™ Granular

MSDS Number: LIM047

Revision Date: 11/12/09

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

PROFILE Products, LLC
750 LAKE COOK ROAD
SUITE 440
BUFFALO GROVE, IL 60089

Contact:

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Product Name: Sodium-pHix™ Granular
Revision Date: 11/12/09
MSDS Number: LIM047
CAS Number: Not applicable
Product Use: Soil Modifier

2 HAZARDS IDENTIFICATION

Route of Entry: Inhalation
Target Organs: Lungs, eyes
Inhalation:
Skin Contact:
Eye Contact:
Ingestion:

NFPA-ratings (scale 0-4): Health = 0, Fire = 0, Reactivity = 0

*Respirable dust/total dust. PEL and TLV limits are based on an 8 hour TWA.

Note: Ground calcium sulfate dehydrate, calcium sulfate and calcium carbonate are classified as nuisance dusts. OSHA believes that nuisance dust may cause safety problems among exposed workers because it can be a source of distraction and physical irritation which can cause accidents or safety mishaps in the workplace.

Carcinogenicity:

Material- Crystalline silica
IARC- Carcinogen (Group 1)
NTP- Anticipated Carcinogen

In 1997, IARC classified inhaled crystalline silica as a carcinogenic to humans categorizing it as a Group 1 agent. In this evaluation, IARC noted that carcinogenicity was not detected in all industrial circumstances studied, and may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs. In 1992, NTP listed respirable crystalline silica among the substances "reasonably anticipated to be carcinogens."

3 COMPOSITION/INFORMATION ON INGREDIENTS

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Ingredients:

Cas #	Perc.	Chemical Name
14808607	<1%	Silica, crystalline
471341	<5%	Carbonic acid calcium salt (1:1)
7778189	<10%	Calcium sulfate
13397245	>90%	Gypsum

4 FIRST AID MEASURES

Inhalation:	If person breathes in large amounts, move the exposed person to fresh air. Get medical attention if irritation persists.
Skin Contact:	Wash with soap and water. If irritation occurs, contact physician.
Eye Contact:	Remove contact lenses, including and immediately flush with water for at least 15 minutes, including under eyelids. Seek medical advice if irritation persists.
Ingestion:	If swallowed and the person is conscious, immediately give large amounts of water. Get medical attention.

5 FIRE FIGHTING MEASURES

Flash Point:	Not applicable
Flash Point Method:	Not applicable
Flammability Classification:	Not Combustible

6 ACCIDENTAL RELEASE MEASURES

Steps to be taken in the event of a spill or discharge:
Remove by dry-sweeping or vacuum. Do not wash down drains since it could plug drains.

7 HANDLING AND STORAGE

Handling Precautions:	Wear appropriate protective equipment during handling.
Storage Requirements:	Store in a dry area to minimize potential for clumping due to moisture absorption. Dew point conditions or other conditions causing presence of moisture will harden during storage.



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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Protective Equipment:

Exposure Guidelines/Other:

Ventilation: Use adequate general or local exhaust ventilation conditions exist. A levels as low as possible

Respiratory Protection: None required where adequate ventilation conditions exist. A dust mask can be used for nuisance dust. If airborne concentrations of any hazardous ingredients exceed the TLV or PEL, use a NIOSH approved respirator.

Eye Protection: Safety glasses or goggles, as needed.

Skin Protection: Gloves are not required, but may be desirable under certain working conditions or to protect against drying of hands.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to off-white powder

Physical State:

Odor: None

pH:

Vapor Pressure:

Vapor Density:

Boiling Point:

Freezing/Melting Pt.:

Solubility: Slight

Spec Grav./Density: 2.32 to 2.41

10 STABILITY AND REACTIVITY

Stability: Stable product

Conditions to avoid: None

Materials to avoid (incompatibility): Aluminum, Strong Acids

Hazardous Decomposition products: Oxides of Sulfur

Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

12 ECOLOGICAL INFORMATION

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13 DISPOSAL CONSIDERATIONS

For disposal of this material as a waste, act in accordance with all applicable federal, state and local environmental regulations.

14 TRANSPORT INFORMATION

DOT Class: Not regulated #



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15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*silica, crystalline (14808607 <1%) MASS, NRC, OSHAWAC, PA, TSCA, TXAIR

*Carbonic acid calcium salt (1:1) (471341 <5%) TSCA

*Calcium sulfate (7778189 <10%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Gypsum (13397245 >90%) OSHAWAC, PA, TXAIR

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List
NRC = Nationally Recognized Carcinogens
OSHA = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level

CERCLA = Superfund clean up substance
CSWS = Clean water Act Hazardous substances
EHS302 = Extremely Hazardous Substance
EPCRAWPC = EPCRA Water Priority Chemicals
HAP = Hazardous Air Pollutants
NJEHS = NJ Extraordinarily Hazardous Substances
NJHS = NJ Right-to-Know Hazardous Substances
OSHAPSM = OSHA Chemicals Requiring process safety management
SARA313 = SARA 313 Title III Toxic Chemicals

TSCA = Toxic Substances Control Act

16 OTHER INFORMATION

END OF MSDS DOCUMENT