

Aqua-pHix Granules®

SDS Number: BLM011

Revision Date: 1/1/17

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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

Emergency: Emergency Phone: (800) 424-9300 (ChemTrec)
Contact: ChemTrec Acct #: CCN792719
Phone: (847) 215-1144
Fax: (847) 215-0577
Email: tech@profileproducts.com
Web: www.profileproducts.com

Product Name: Aqua-pHix Granules®
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SDS Number: BLM011
Common Name: N.A.

Description: Heat Treated Montmorillonite Clay Mineral with acidifying agents.

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
Health, Specific target organ toxicity - Single exposure, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H335 - May cause respiratory irritation

GHS Precautionary Statements:

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P261 - Avoid breathing dust.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Inhalation: Mists may be irritating to breathing passages.
Skin Contact: May cause irritation from repeated exposure.
Eye Contact: Irritating to eyes. No chronic effects known.

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NFPA: Health = 2, Fire = 0, Reactivity = 1, Specific Hazard = n/a



3 COMPOSITION/INFORMATION OF INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
14808607	3-5%	Silica, crystalline quartz
7647010	<2%	Hydrogen chloride
7664382	<2%	Phosphoric acid
144627	<.5%	Oxalic acid

4 FIRST AID MEASURES

- Inhalation:** If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.
- Skin Contact:** Wash thoroughly with soap and water.
- Eye Contact:** Flush thoroughly with water. See a physician if discomfort persists.
- Ingestion:** Dilute by giving large amounts of milk or water. Get medical attention immediately. Do not induce vomiting.

5 FIRE FIGHTING MEASURES

Non-flammable and non-hazardous

6 ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: If uncontaminated, sweep up or collect, and reuse as product. If contaminated with other materials, collect in suitable containers. Comply with federal, state and local regulations on reporting spills.

7 HANDLING AND STORAGE

- Handling Precautions:** Steps to be taken in case material is released or spilled: If uncontaminated, sweep up or collect, and reuse as product. If contaminated with other materials, collect in suitable containers.
- Storage Requirements:** Do not store with alkalis or caustics.



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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment:

Respiratory Protection: If dust concentrations exceed recommended Permissible Exposure Limits, use NIOSH- approved dust respirators, with approval TC-21C-xxx, until feasible engineering controls are completed.
Ventilation: Local exhaust or other ventilation that will reduce dust concentrations to less than Permissible Exposure Limits is recommended. Well ventilated work environment is recommended.
Eye Protection: If high dust concentrations exist, tight-fitting goggles are recommended to reduce dust exposure to the eyes.
Skin Protection: Impermeable gloves such as rubber, PVC or neoprene are recommended.
Other Protective Equipment: Optional.

Exposure Limits (respirable fraction) in Air:

Table with 2 columns: Agency/Standard and Limit. Rows include OSHA & MSHA - PEL (10mg/m3), ACGIH - TLV (0.05 mg/cubic meter), and NIOSH (0.05mg/cubic meter).

Exposure Limits refer to the respirable fraction.
PEL means OSHA Permissible Exposure Limit.
TLV means American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value.
MSHA means Mine Safety and Health Administration Exposure Limit.
TWA means 8 hour Time Weighted Average.

9 PHYSICAL AND CHEMICAL PROPERTIES

Table with 2 columns: Property and Value. Rows include Appearance (Brown to buff-colored granular particles), Vapor Pressure (N.A.), pH (Slightly acidic), Odor (Negligible), Solubility (Negligible), Freezing/Melting Pt. (N.A.), and Bulk Density (36 lbs/cubic ft.).

10 STABILITY AND REACTIVITY

Table with 2 columns: Property and Value. Rows include Chemical Stability (Aqua-pHix Granules are stable under all normal conditions), Conditions to Avoid (Do not store in direct sunlight), Materials to Avoid (Unreacted polymer monomers, Caustics), Hazardous Decomposition (Acid vapors formed if heated), and Hazardous Polymerization (Will not occur).

11 TOXICOLOGICAL INFORMATION

Inhalation- N.E.
Intravenous- Rat - LD50:15mg/kg
Oral - Rat - LD50:3160 mg/kg



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12	ECOLOGICAL INFORMATION
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Naturally occurring, inorganic, crystalline, absorbent, clay minerals, such as Attapulgite and Montmorillonite, are used in a wide variety of commercial, industrial, and consumer applications. Calcium bentonite and sodium bentonite clays, which are composed mostly of monmorillonite, have been listed for many years as Generally Recognized as Safe (GRAS) by the U.S. Food and Drug Administration (FDA) for use in human food and animal feed.

13	DISPOSAL CONSIDERATIONS
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Can be disposed of in an approved disposal facility, in accordance with applicable federal, state, and local regulations. The nature and extent of contamination, if any, may require use of specialized disposal methods.

14	TRANSPORT INFORMATION
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15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Silica, crystalline quartz (14808607) [3-5%] MASS, NRC, OSHAWAC, PA, TSCA, TXAIR

RQ(5000LBS), Hydrogen chloride (7647010) [<2%] CERCLA, CSWHS, EHS302, EPCRAWPC, HAP, MASS, NJEHS, NJHS, OSHAPSM, OSHAWAC, PA, SARA313, TSCA, TXAIR

RQ(5000LBS), Phosphoric acid (7664382) [<2%] CERCLA, CSWHS, EPCRAWPC, MASS, NJHS, OSHAWAC, SARA313, TSCA, TXAIR

Oxalic acid (144627) [<.5%] MASS, OSHAWAC, PA, TSCA, TXAIR

Regulatory CODE Descriptions

- RQ = Reportable Quantity
MASS = MA Massachusetts Hazardous Substances List
NRC = Nationally Recognized Carcinogens
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
CERCLA = Superfund clean up substance
CSWHS = 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

COMPONENT / (CAS/PERC) / CODES

*silica, crystalline quartz (14808607 3-5%) MASS, NRC, OSHAWAC, PA, TSCA, TXAIR

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REGULATORY KEY DESCRIPTIONS

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16	OTHER INFORMATION
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Disclaimer:

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