1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Aqua-pHix Granules®
Common Name: N.A.
SDS Number: BLM011
Revision Date: 8/5/2021

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

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

Description: Heat Treated Montmorillonite Clay Mineral with acidifying agents.

2 HAZARDS IDENTIFICATION

Classification of Substance

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
Health, Specific target organ toxicity - Single exposure, 3
Health, Skin corrosion/irritation, 1
Health, Serious Eye Damage/Eye Irritation, 2 A

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:

GHS Hazard Statements:

H335 - May cause respiratory irritation
H314 - Causes severe skin burns and eye damage
H319 - Causes serious eye irritation

GHS Precautionary Statements:

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.
P260a - Do not breathe dusts or mists.
P264 - Wash ... thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER/doctor/physician

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.

Ingestion: Not a likely source of chronic exposure.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical 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 throughly 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.

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:

OSHA & MSHA - PEL	10mg/m3 % SiO2 + 2 (8-Hour TWA)
ACGIH - TLV	0.05 mg/cubic meter (8-Hour TWA)
NIOSH	0.05mg/cubic meter (10-Hour TWA, 40-hour work week)

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

Appearance:	Brown to buff-colored granular particles		
Vapor Pressure:	N.A.	**Odor:**	Negligible
pH:	Slightly acidic	**Solubility:**	Negligible
		Freezing/Melting Pt.:	N.A.
		Bulk Density:	36 lbs/cubic ft.

10 STABILITY AND REACTIVITY

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.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

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

12 ECOLOGICAL INFORMATION

Naturally occuring, inorganic, crystalline, absorbent, clay minerals, such as Attapulgalite 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

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

Non-hazardous for air, sea and road freight.

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

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

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

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

*Hydrogen chloride (7647010 <2%) CERCLA, CSWHS, EHS302, EPCRAWPC, HAP, MASS, NJEHS, NJHS, OSHAPSM, OSHAWAC, PA, SARA313, TSCA, TXAIR

*Phosphoric acid (7664382 <2%) CERCLA, CSWHS, EPCRAWPC, MASS, NJHS, OSHAWAC, SARA313, TSCA, TXAIR

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

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List
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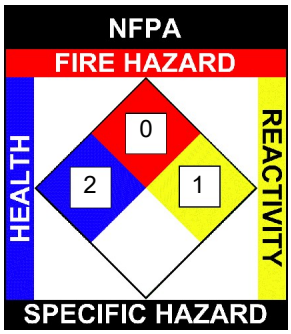
TSCA = Toxic Substances Control Act

16 OTHER INFORMATION

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



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