

MSDS Material Safety Data Sheet

PROFILE Products, LLC



Aqua-pHix Granules®

MSDS Number: BLM011

Revision Date: 2/22/08

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

PROFILE Products, LLC
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Contact:

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Product Name: Aqua-pHix Granules®
Revision Date: 2/22/08
MSDS Number: BLM011
Common Name: N.A.
CAS Number: 70892-59-0

Description: Heat Treated Montmorillonite Clay Mineral.

2 HAZARDS IDENTIFICATION

Route of Entry:

Target Organs:

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.

NFPA-ratings (scale 0-4): Health = 2, Fire = 0, Reactivity = 1

Crystalline Silica (Quartz) [EPA Hazard Category: Health]

Carcinogen: OSHA - No NTP - Yes (respirable) IARC - Yes

This product contains up to 5% crystalline silica. The International Agency for Research on Cancer (IARC) has stated that there is sufficient evidence of carcinogenicity of crystalline silica to human beings. It was noted that carcinogenicity was not detected in all industrial circumstances studied. The NTP's Sixth Annual Report on Carcinogens include respirable crystalline silica. The Hazard Communication Standard (29CFR 1910.1200) requires that any material containing over 0.1% of a substance reported as a carcinogen in an IARC monograph or the most recent NTP Annual Report on Carcinogens must be identified as a carcinogen. These identifications are for hazard communications only and do not serve as assessments of carcinogenic risk. Crystalline silica is known to cause silicosis. At dust levels below the recommended PEL exposure to the crystalline silica contained in this product should not present a health hazard.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

| Cas # | Perc. | Chemical Name |
|-------|-------|---------------|
|-------|-------|---------------|

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| | | |
|----------|---------|----------------------------|
| 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 near vegetable oil or turpentine. Do not store with alkalis or caustics. |

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|------------------------------|---|
| Engineering Controls: | 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. |
| Protective Equipment: | 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. |

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9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|------------------------|--|------------------------------|------------|
| Appearance: | Brown to buff-colored granular particles | Boiling Point: | |
| Physical State: | | Freezing/Melting Pt.: | N.A. |
| Odor: | Negligible | Solubility: | Negligible |
| pH: | Slightly acidic | Spec Grav./Density: | |
| Vapor Pressure: | N.A. | | |
| Vapor Density: | | | |
| Bulk Density: | 36 lbs/cubic ft. | | |

10 STABILITY AND REACTIVITY

| | |
|--|--|
| Stability: | Aqua-pHix Granules are stable under all normal conditions. |
| Conditions to avoid: | Do not store in direct sunlight. |
| Materials to avoid (incompatibility): | Unreacted polymer monomers Caustics |
| Hazardous Decomposition products: | Acid vapors formed is heated. |
| Hazardous Polymerization: | Will not occur. However, contact with vegetable oil or turpentine may cause evolution of heat. |

11 TOXICOLOGICAL INFORMATION

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

12 ECOLOGICAL INFORMATION

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

DOT Class: Not regulated #



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15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*silica, crystalline quartz (14808607 n/a%) MASS, NRC, OSHAWAC, PA, TXAIR

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

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

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

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List
NRC = Nationally Recognized Carcinogens
OSHA WAC = 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
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
OSHA WAC = OSHA Chemicals Requiring Process Safety Management
SARA313 = SARA 313 Title III Toxic Chemicals

16 OTHER INFORMATION

END OF MSDS DOCUMENT