

MSDS Material Safety Data Sheet

PROFILE Products, LLC



Aqua-pHix®

MSDS Number: CON001

Revision Date: 2/20/08

Page 1 of 4

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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

Contact:

Telephone Number: (847) 215-1144

FAX Number: (847) 215-0577

E-Mail: profileproducts.com

Web www.profileproducts.com

Product Name: Aqua-pHix®
Revision Date: 2/20/08
MSDS Number: CON001
Common Name: N.A.
CAS Number: 407

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

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name
7647010	10-20%	Hydrogen chloride
7664382	10-20%	Phosphoric acid
144627	<5%	Oxalic acid

Aqua-pHix®

MSDS Number: CON001

Revision Date: 2/20/08

Page 2 of 4

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 exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse.
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

Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Keep out of waterways and storm sewers.

7 HANDLING AND STORAGE

Handling Precautions: Very acid solution. Keep out of eyes and off of skin. Wipe up spills immediately. Use standard industrial good practices. Keep containers closed when not in use.
Storage Requirements: Do not store with alkalis or caustics to avoid vigorous reaction if mixed. Store in a cool place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:
Protective Equipment: Eyes: Safety glasses or goggles should be worn if there is possibility of eye contact.
Skin: Impermeable gloves such as rubber, PVC or neoprene are recommended.
Respiratory protection: None normally required. If risk of inhalation occurs, select and use equipment according to OSHA/NIOSH guidelines for nuisance mists.
Ventilation: A well ventilated work environment is recommended.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colorless liquid	Boiling Point:	
Physical State:		Freezing/Melting Pt.:	N.A.
Odor:	Acrid	Solubility:	100%
pH:	Very acid	Spec Grav./Density:	
Vapor Pressure:	N.A.		
Vapor Density:			



Aqua-pHix®

MSDS Number: CON001

Revision Date: 2/20/08

Page 3 of 4

10 STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	Do not store in direct sunlight.
Materials to avoid (incompatibility):	Caustics
Hazardous Decomposition products:	Acid vapors formed is heated.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

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 #

MSDS Material Safety Data Sheet

PROFILE Products, LLC



Aqua-pHix®

MSDS Number: CON001

Revision Date: 2/20/08

Page 4 of 4

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Hydrogen chloride (7647010 10-20%) CERCLA, CSWHS, EHS302, EPCRAWPC, HAP, MASS, NJEHS, NJHS, OSHAPSM, OSHAWAC, PA, SARA313, TXAIR

*Phosphoric acid (7664382 10-20%) 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 CHM = OSHA Chemicals Requiring process safety management
SARA313 = SARA 313 Title III Toxic Chemicals

16 OTHER INFORMATION

END OF MSDS DOCUMENT