

# MATERIAL SAFETY DATA SHEET

## CLEANERS, DETERGENTS and RELATED MATERIALS

DATE: JANUARY 2, 2002

**MANUFACTURER'S NAME:** Wagner Environmental Technologies, LLC  
**STREET ADDRESS:** 19722 One Norman Boulevard # 220 Suite 166  
Cornelius, NC , 28031 USA  
**PRODUCT CLASS:** Class 55 Item 48580 - 3  
Stabilized na2 - X - SiO3 - h20  
**TRADE NAME:** PRO-pHx

### SECTION 1

#### HAZARDOUS INGREDIENTS

**INGREDIENTS:** Inorganic Mixtures  
Stabilized Na2 SiO3 h20 and Particulates Not Otherwise  
Regulated.  
US testing Lab -E-84 Certification

INGREDIENT Cas Number	Max % W/W	SARA APPLIES			Air Contaminant Levels			
		312	313	372	TWA/TLV (ppm)	STEL (ppm)	CEIL (ppm)	SKIN AGENT

Sodium Silicate	55.0	Y	N	N	Particulate Not Otherwise Regulated				
Silicate of Soda (CAS #1344-09-8)					Total	TWA 15 mg/m3	OSHA		
					Total	TWV 10 mg/m3	ACGIH		
					Total	TWA 5 mg/m3	OSHA		

### SECTION 2

#### HEALTH HAZARDS

In general, this product is Non-Toxic, Non-Acid, Non-Flammable, Non-Hazardous.  
However, individuals may have differing levels of sensitivity to chemical exposure, for maximum safety avoid exposure.

#### POTENTIAL EFFECTS OF EXPOSURE:

**EYES:** Eye contact may cause irritation or eye damage.  
Acute: Severe eye irritation on contact.  
Chronic: None recognized

**SKIN:** Skin Contact: May be drying to skin. Wash with soap and water.

**INHALATION:** Non-Vaporous. Inhalation of splash mist when pouring may cause  
Coughing, sneezing irritation, lung damage, damage to respiratory  
system.

**INGESTION:** Ingestion may cause severe irritation, gastrointestinal damage.

#### POTENTIAL EFFECTS OF OVEREXPOSURE:

Overexposure may aggravate disorders of the skin, respiratory system.

Overexposure may cause damage to disorders of, or adversely affect the bodily systems, functions, organs.

#### **EMERGENCY AND FIRST AID PROCEDURES:**

FIRST AID EYES: Eye Contact: Rinse eyes with water for 15 minutes, While holding eyelids apart.

FIRST AID SKIN: Skin Contact: Wash with soap and water.

FIRST AID INHALATION: Remove to fresh air. If not breathing, give artificial Respiration, preferably, mouth to mouth. Call a physician.

FIRST AID INGESTION: Do not induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting Occurs spontaneously, keep head below hips to Prevent breathing vomit unto lungs. Call a physician.

#### **SECTION 3** \_\_\_\_\_

##### **SPECIAL PROTECTION INFORMATION**

PROTECTIVE EQUIPMENT: Chemical goggles, Face Shield, Gloves, Recommended Always wear eye protection when working with chemicals. Do not wear contact lenses when working with chemicals.

PRECAUTIONS: Wear protective equipment when handling any chemicals. Wash thoroughly after handling. Do not breathe product mists. Do not get in eyes, on skin, or clothing. Avoid prolonged contact with skin.

RESPIRATORY PROTECTION:

None Required:  
No Vapor, fumes or gassing out occurs.

Optional:  
Breathing mask to protect against splash.

#### **SECTION 4** \_\_\_\_\_

##### **FIRE AND EXPLOSION HAZARD DATA**

None - See Section 5  
Flammable Limits (% Volume in Air) Upper: N/D Lower: N/D  
Flash Point (METHOD) : >OR=N/A

#### **SECTION 5** \_\_\_\_\_

##### **PHYSICAL DATA**

FLAME SPREAD:  
10

SMOKE SPREAD:  
0

FUEL CONSUMPTION:  
0

BOILING RANGE:  
173 dg. F - 400 dg. F

VAPOR DENSITY:  
Heavier than air.

EVAPORATION RATE:  
(Butyl Acetate = 1) <1

PERCENT VOLATILE BY VOLUME:  
None

SOLUBILITY IN WATER:  
Complete

WEIGHT PER GALLON:  
8.8 - 9.5 #

pH:  
Aqueous approximate 10 (+ Or -)

APPEARANCE:  
Opaque

ODOR:  
NIL

**SECTION 6** \_\_\_\_\_

**REACTIVITY DATA**

STABILITY:  
Product Stable

CONDITIONS TO AVOID:  
N/A

INCOMPATIBILITY: (material to avoid)  
N/A

HAZARDOUS DECOMPOSITION PRODUCTS:  
None

HAZARDOUS POLYMERIZATION:  
Will Not Occur.

**SECTION 7** \_\_\_\_\_

**SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
Material is water soluble and non-toxic.

WASTE DISPOSAL METHOD:  
Water Soluble - Wash Down  
Non-Toxic, Non-Acid, Non-Flammable, Non-Hazardous

**SECTION 8** \_\_\_\_\_

**SHIPPING INFORMATION**

PROPER SHIPPING NAME: WAGNER ENVIRONMENTAL TECHNOLOGIES, LLC.  
PRO-pHx

HAZARD CLASS: N/A UNCLASSIFIED

LABEL REQUIREMENTS: NONE

REPORTABLE QUANTITY: NONE

## **SECTION 9**

---

### **ADDITIONAL INFORMATION**

#### **KEEP PRODUCT AND CONTAINERS AWAY FROM CHILDREN**

The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. WAGNER ENVIRONMENTAL TECHNOLOGIES, LLC provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration and investigation. You should satisfy yourself that you have all the current data relevant to your particular use.

WAGNER ENVIRONMENTAL TECHNOLOGIES, LLC knows of no medical conditions, other than those noted on this material safety data sheet, which are generally recognized as being aggravated by exposure to this product.