

# MATERIAL SAFETY DATA SHEET

## SECTION I – IDENTITY AND RESPONSIBLE PARTY INFORMATION

403090165

Responsible Party: Friends Business Source

Product Name: Professional Strength Drain Opener

Address: Findlay, OH 45840

Date Prepared: 5-12-06

Emergency Telephone No.  
And Other Information 800-427-1704

Prepared By Regulatory Affairs Department

## SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS #'s	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Optional
Specific Chemical Identity: Common Name(s)					
Water	7732-18-5				>80%
Sodium Hydroxide	1310-73-2	2mg/M <sup>3</sup>	2mg/M <sup>3</sup>	N/A	<5%
Sodium Hypochlorite	7681-52-9	N/A	N/A	N/A	<5%

**\*THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS FOR SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.**

HMIS RATING - HEALTH: 3 FLAMMABILITY: 0 REACTIVITY: 0 PERSONAL PROTECTION EQPT: D

## SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: Approx 190-212° F	Specific Gravity (H <sub>2</sub> O = 1): 1.070
Vapor Pressure (mm Hg): N/E	Percent Volatile By Weight (%): >85%
pH (conc.): 12.5	Evaporation Rate (H <sub>2</sub> O=1): > water
Solubility in Water: Complete	Appearance and Fragrance: Clear Liquid / Hypochlorite Odor

## SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) – Not Applicable Flammable Limits – Not determined LEL – N/E UEL – N/E

Extinguishing Media – Use water spray, dry chemical, carbon dioxide or foam extinguishing agents unless contraindicated by surrounding environment.

Special Fire Fighting Procedures – Prevent human exposure to fire, smoke, fumes or products of combustion. Evacuate non-essential personnel from fire area. All ignition sources should be extinguished. Fire fighters should wear appropriate protective equipment, including self contained breathing apparatus and impervious clothing. Keep containers cooled with water spray to prevent rupture from excess heat.

**Fire and Explosion Hazards:** No unusual fire or explosion hazards of this product are known.

**Hazardous Products:** Thermal decomposition of this product may generate oxides of carbon and chlorine gas.

## SECTION V – PHYSICAL HAZARDS

Stability Unstable Conditions to Avoid – None Known  
Stable X

Incompatibility (Materials to Avoid) – Do not mix with any other chemicals, especially acids.

Hazardous Decomposition Products or By-products – May produce toxic vapors or gases.

Hazardous May Occur Conditions to Avoid – None Known

Polymerization Will not Occur X

## SECTION VI – HEALTH HAZARDS

Route(s) of Entry:	Inhalation? X	Skin? X	Ingestion? X
Health Hazards (1. Acute and 2. Chronic) – 1. ACUTE: Harmful or fatal if swallowed. Causes eye and skin damage. 2. CHRONIC: None Known.			
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	No X	I.A.R.C. Monographs No X

Signs and Symptoms of Exposure – Irritation or burning sensation.

Medical Conditions Generally Aggravated by Exposure – May aggravate skin disorders or respiratory ailments.

Emergency and First Aid Procedures – **SKIN CONTACT:** Immediately remove contaminated shoes and clothing. Wash skin with soap and plenty of water for 15 minutes. Do not attempt to neutralize with chemical agents. Get medical attention. Wash contaminated clothing before reuse.

**EYE CONTACT:** Immediate first aid is required to prevent eye damage. Flush immediately with water and remove contact lenses, if applicable. Then flush with large quantities of running water for 15 minutes. Hold eyelids apart during flushing to ensure complete rinsing of entire surface of eye and lids with water. Do not attempt to neutralize with chemical agents. Get medical attention immediately. Continue flushing with water if physician is not immediately available. **INGESTION:** DO NOT induce vomiting. Rinse mouth with water. Then give 1-2 glasses of water or milk and call a physician or poison control center immediately. If vomiting occurs, keep head below hips to reduce risk of aspiration. Give water again. NEVER give anything by mouth to a person who is unconscious or convulsing. Get medical attention immediately. **INHALATION:** Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

## SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled – Wear appropriate protective equipment. If possible, contain spill and collect in approved container. Rinse affected area thoroughly with water. Keep product out of storm sewers or waterways. Hold for disposal.

Waste Disposal Method – Dispose of in accordance with local, state and federal regulations. If possible, triple rinse container, and recycle.

Precautions to be Taken in Handling and Storing – Avoid contact with skin or eyes. Avoid breathing vapor, spray or mist. Use product only according to label directions. If unsure about safe use, contact your supervisor immediately. Wash with soap and water after handling. **DO NOT MIX WITH ANY OTHER CHEMICAL.** Store in original container in a cool, dry, well ventilated area. Store away from food or feed. Containers should be kept tightly closed when not in use. Keep in an area inaccessible to small children.

## SECTION VIII – CONTROL MEASURES

Respiratory Protection (Specify Type) – Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled by general or local ventilation, use appropriate respiratory protection to prevent over exposure. An approved dust/mist respirator would be recommended.

Ventilation – X Local Exhaust – As Necessary Mechanical (General) – Adequate Special – N/A Other – N/A

Protective Gloves – Water Impervious (Latex, Neoprene) Eye Protection – Chemical Resistant Goggles or Face Shield Other Protective Clothing or Equipment - Apron. Eye wash. Work/Hygiene Practices – Follow OSHA mandated procedures. Never eat or smoke while working with chemicals.

Good housekeeping practices apply. Wash thoroughly after handling.

**NOTICE: NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET.**

N/A (Not Applicable/Not Available) N/E (Not Established)