WAXMAN CONSUMER PRODUCTS GROUP

GHS SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Manufacturer: Waxman Consumer Products Group
24455 Aurora Road
Bedford Heights, OH 44146
Telephone: (800) 201-7298
Fax: (440) 439-8494
Web Site: www.waxman.com
E-mail: customerservice@waxmancpg.com

For any Transportation or Medical Chemical Emergencies call:

INFOTRAC

(800) 535-5053 **OR** (352) 323-3500

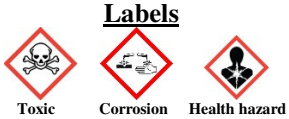
24 hours per day - 7 days a week

Product Name: Heavy Duty Super Plumb / 7116000N

Recommended Use: For cleaning clogged or sluggish drains.
Restriction of use: Do not mix or add any substance to this product.

SECTION 2 – HAZARD(S) IDENTIFICATION

Labels



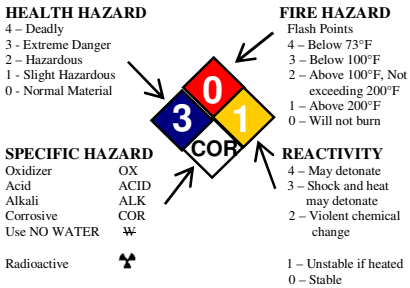
Toxic Corrosion Health hazard

Signal Word

Danger

HMIS

NFPA



GHS Classification

Health

Acute Toxicity: Oral-Cat.3/Dermal-Cat.4
Skin Irritation: Cat.1B
Eye Irritation: Cat.1
Skin Sensitization: NO

Environmental

Acute Aquatic Toxicity: Not Established
Chronic Aquatic Toxicity: Not Established

Physical

Flammability: Cat. 2

Hazardous Statements

H302: Harmful if swallowed
H314: Causes severe skin burns and eye damage

Precautionary Statements

P102: Keep out of reach of children
P261: Avoid breathing dust/fume/gas/mist/vapors/spray
P262: Do not get in eyes, on skin, or on clothing
P264: Wash thoroughly after handling
P280/P284: Wear protective gloves/protective clothing/eye protection/face protection. Wear a NIOSH approved respirator for organic solvents.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Chemicals	CAS#	EINECS#	REACH Pre-registration Number	Approx %
POTASSIUM HYDROXIDE	1310-58-3	215-181-3	N/A	20-30%
SODIUM HYDROXIDE	1310-72-2	215-185-5	N/A	20-30%

All of the constituents of this adhesive product are listed on the TSCA inventory of chemical substances maintained by the US EPA, or are exempt from that listing.

SECTION 4 – FIRST-AID MEASURES

Inhalation: Move into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call physician.
Skin: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water.
Eyes: Flush with water for 15 minutes. If irritation persists, get medical attention. Remove any contact lenses.
Ingestion: Rinse mouth. Do NOT induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Contact physician immediately.

SECTION 5 – FIRE-FIGHTING MEASURES

Fire Hazard: Sodium Hydroxide will react with metals such as Aluminum, tin, and zinc to generate flammable and explosive hydrogen gas.
Combustion Products: None known
Extinguishing Media: Dry Chemical, Carbon Dioxide, Water Spray
Unsuitable Extinguishing Media: None known
Protective Equipment: Self-contained breathing apparatus {(SCBA), MSHA/NIOSH}. Full protective gear.
Special Fire Fighting Procedures: Avoid contact of Sodium Hydroxide with water, as this can produce a violent exothermic reaction. Contact with reactive metals may result in the generation of flammable gas. Evacuate enclosed areas, stay upwind. Closed or confined quarters require self-contained breathing apparatus, positive pressure hose masks or airline masks. Use water spray to cool containers, to flush spills from sources of ignition and to disperse vapors.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Prevent contact with skin or eyes. Personnel cleaning up the spill should wear appropriate personal protective equipment, including respirators if vapor concentrations are high.
Protective Equipment: Wear suitable respiratory protective equipment.
Emergency Procedures: Remove all sources of ignition and ventilate area. For leaks, stop leak if it can be done safely. Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
Environmental Precautions: Avoid runoff into storm sewers, ditches and waterways.
Methods for Cleaning Up: If possible, dike spill and mop or pump into plastic or lacquer lined drums; label "Corrosive" and store away from heat and direct sunlight. Residual may be neutralized with citric acid.

SECTION 7 – HANDLING AND STORAGE

Handling	Storage
Avoid contact with eyes, skin and clothing. Avoid prolonged breathing of vapor and mist. Use with adequate ventilation. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep containers closed when not in use.	Store in a cool, dry, well-ventilated area away from incompatible materials. Keep container closed when not in use. **Incompatible Materials**: Acids, metals, explosives, organic compounds and flammable materials. Do not store in containers made from tin, aluminum, zinc and alloys containing these materials.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

	Exposure Limits		
Hazardous Chemicals	**ACGIH-TLV**	**ACGIH-STEL**	**OSHA-PEL**
POTASSIUM HYDROXIDE	2mg/m3	N/A	N/A
SODIUM HYDROXIDE	2mg/m3	N/A	2mg/m3

Engineering Controls: A source of running water to flush or wash the eyes and skin in case of contact. Use local exhaust as needed.
Ventilation: Local ventilation is adequate. Use only explosion proof ventilation equipment.
Personal Protective Equipment – Respiratory: Atmospheric levels should be maintained below established exposure limits. If airborne concentrations exceed those limits, use of a NIOSH approved organic vapor cartridge respirator with full face-piece is recommended. The effectiveness of an air purifying respirator is limited. Use it only for a single short-term exposure. For emergency and other conditions where short term exposure guidelines may be exceeded, use an approved positive pressure self-contained breathing apparatus.
Personal Protective Equipment – Skin: Prevent contact with skin. Neoprene/Chemical resistant gloves. Chemical suit, rubber boots.
Personal Protective Equipment – Eyes: Chemical safety goggles and/or face shield.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Clear Liquid	**Flash Point**:	Not Established	**Vapor Pressure**:	1.5 mm Hg @ 20°C
Odor:	Odorless	**Specific Gravity**:	1.44	**Flammability**:	Not Established
pH:	14.0 (Aqueous solution: 5%)	**Solubility (H2O):**	Complete	**Flammability Limits**:	LEL – Not Established
Melting Point:	Not Established	**Evaporation Rate**:	Not Established		UEL – Not Established
Freezing Point:	Not Established	**Vapor Density**:	Not Established		
Boiling Point:	265°F	**VOC**:	0 g/l		

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable
Hazardous polymerization: Will not occur
Conditions to avoid: Mixing with water, acid, or incompatible materials can cause splattering and release of large amounts of heat.
Incompatible materials: Acids, aluminum, tin, zinc, and alloys containing these: metals, iron, copper, wool, leather, clothing materials, organic chemicals such as nitrocarbons, and halogenated hydrocarbons, carbohydrates, phosphorous, explosives and organic peroxides.
Hazardous decomposition products: Potassium and Sodium Oxides form under fire conditions. Carbon Monoxide with Carbohydrates, Hydrogen with Aluminum, Tin and Zinc.

SECTION 11 – TOXICOLOGICAL INFORMATION

	Toxicity	
Hazardous Chemicals	**LD_{50}**	**LC_{50}**
POTASSIUM HYDROXIDE	Oral: 365 mg/kg (rat)	N/A
SODIUM HYDROXIDE	Oral: 500 mg/kg (rabbit)	N/A

Likely Routes of Exposure: Inhalation, Skin Contact, Eye Contact, Ingestion
Symptoms and Effect - Inhalation: Causes respiratory irritation which may develop into serious ling injury depending upon the degree of exposure.
Skin Contact: Corrosive. Can cause severe skin burns. Irritation may not be immediately painful. Greater exposure results in severe burns with scarring.
Eye Contact: Corrosive. Can cause serious eye burns. Contact results in immediate pain and can cause permanent eye damage including blindness.
Ingestion: Corrosive. Contact will cause severe burns of the mouth, throat and stomach.
Long-Term Effect: Repeated or prolonged skin contact would be expected to cause drying, cracking, and inflammation of the skin (dermatitis) and possible inflammation of the respiratory tract.
Pre-Existing Conditions: None known.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Mosquito fish: LC50=125mg/L (37 wt. % solution of Sodium Hydroxide.
Persistance & Degradability: Yes
Bioaccumulative Potential: None known
Mobility in soil: In normal use, emission of Volatile Organic Compounds (VOC's) to the air takes place, typically at a rate of $\leq$0 g/l.

SECTION 13 – DISPOSAL CONSIDERATION

Dispose of product or container in accordance with federal, state or local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

Shipping Information

Shipping Name: Sodium Hydroxide Solution
Hazardous Class: 8
I.D. Number: UN1824
Packing Group: II
Label Required: Corrosive
Marine Pollutant: No

Exception to the rule: If the package that contains the hazardous material is in a small consumer size (Less than 1L), then the rules that apply to shipping hazardous materials do not apply. This is called an "Exception".
This is classified as Consumer Commodity ORM-D.

SECTION 15 – REGULATORY INFORMATION

Precautionary Label Information: Health Hazard, Corrosive, Toxic
Risk Phrases: R36/37-Irritant to eyes and respiratory system. **R66-**Repeated exposure may cause skin dryness or cracking.
Safety Phrases: S2-Keep out of reach of children. **S9-**Keep container in a well-ventilated place. **S25-**Avoid contact with eyes. **S26-**In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

SECTION 16 – OTHER INFORMATION

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. Waxman Consumer Products Group urges the customers receiving this GHS Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents and contractors of the information on the sheets. **DATE: 01/01/2014**