



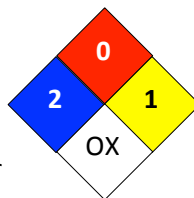
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 (Supersedes all earlier versions)

## SAFETY DATA SHEET

## Mr. Plumber Professional Drain Opener

### SECTION I – PRODUCT AND MANUFACTURER IDENTIFICATION

*Product Name:* Professional Drain Opener  
*Formula Number:* 14002002  
*Product Code:* n/a  
*Product Description:* Water-thin liquid with a slight yellow color and bleach odor  
*Product Use:* Household drain opener, clog remover  
*Manufactured For:* Ameriplus, Inc  
*Address:* 535 S Hercules Avenue, Suite 201  
 Clearwater, FL 33764  
*Phone:* (813)-855-6688  
*National Poison Control Center:* (800)-222-1222



HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	1
PERSONAL PROTECTION	B

### SECTION II – HAZARDS IDENTIFICATION

*Emergency overview:* KEEP OUT OF REACH OF CHILDREN

Corrosive to eyes, skin and mucous membranes, harmful if swallowed – avoid contact with eyes, skin and clothing

*Potential short term health effects:* Routes of exposure: eye, skin, inhalation, ingestion

Eyes: causes severe eye irritation

Skin: causes severe skin irritation and burns

Inhalation: causes severe irritation to mucous membranes of respiratory system

Ingestion: causes severe burns of mouth, throat, esophagus and stomach

*Target organs:* Eyes, skin, respiratory system

*Chronic effects:* Repeated or prolonged exposure may permanently damage target organs

*Signs and symptoms of exposure:* Ingestion: causes severe burns of mouth, throat, esophagus and stomach – symptoms include nausea, vomiting, diarrhea, and possibly death

Eye Contact: causes severe burns to eye tissues that may result in eye damage or blindness

Skin Contact: depending on exposure, varies from irritation to severe skin damage including dermatitis, redness, swelling, pain, scarring and possibly death

Inhalation: depending on exposure, varies from irritation of the nose and throat to severe burns with difficulty breathing, sneezing, shortness of breath and possibly death

### SECTION III – HAZARDOUS INGREDIENTS

<u>Component</u>	<u>CAS #</u>	<u>Weight %</u>
Sodium Hypochlorite	7861-52-9	3-10%
Sodium Chloride	7647-14-5	1-4%
Sodium Hydroxide	1310-73-2	1-4%

This product contains no known carcinogens present at or above de minimus level

### SECTION IV – FIRST AID MEASURES

*Eye Contact:* Hold eyes open, remove any contact lenses and immediately flush eyes with plenty of cool water for 15 minutes. Seek immediate medical attention

*Skin Contact:* Completely remove contaminated clothing, wash skin with cool water and mild soap. If irritation persists, get medical attention

*Ingestion:* Drink a glassful of water, do not induce vomiting. Never give an unconscious person anything to ingest. Call a doctor or poison control center and seek immediate medical attention

*Inhalation:* Remove to fresh air. Seek immediate medical attention



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*Notes to physician:* Contains sodium hydroxide, a strong alkali solution that is highly corrosive to tissues, including mucous membranes – also contains sodium hypochlorite and sodium chloride

### SECTION V – FIRE FIGHTING MEASURES

*Extinguishing media:* Foam, carbon dioxide, dry chemical – adding water to this product may generate large amounts of heat – direct water spray may spread fire – do not get water inside containers

*Special protective equipment for firefighters:* Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing. If protective equipment is not available or not used, fight fire from a protected location or safe distance

*Specific hazards during fire-fighting:* This product is not combustible, but containers may rupture in a fire situation. Violent steam generation may occur upon application of direct water stream to hot liquids. Thermal decomposition or burning may produce noxious and/or toxic fumes including oxides of carbon and nitrogen. Incomplete combustion may form carbon monoxide. Evacuate downwind personnel

### SECTION VI – ACCIDENTAL RELEASE MEASURES

*Spill response:* Do not touch or walk through spilled material. Stop leak(s) only if you can do so without risk. Prevent release into waterways, sewers, basements or confined areas. Dilute the spilled material with water. Flush spill area with water and cover with sand, clay or dry earth and transfer waste to labeled containers

*Other precautions:* Evacuate personnel and ventilate area around spill. Keep personnel upwind of spill. Only trained and properly protected personnel must be involved in clean-up operations. Use appropriate safety equipment

### SECTION VII – HANDLING AND STORAGE

Keep out of reach of children and pets. Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Do not ingest. Do not mix with other household chemicals, as hazardous gases could be released. Keep container closed when not in use and store in a cool, dry place. Do not reuse empty container. Do not expose product to extreme hot or cold temperatures

### SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

#### Exposure Limits

<u>Component</u>	<u>List</u>	<u>Type</u>	<u>Value</u>
Sodium Hypochlorite	AIHA	STEL	2 mg/m <sup>3</sup>
	ACGIH	STEL	2 mg/m <sup>3</sup>
Sodium Chloride (as a nuisance dust only)	ACGIH	TLV	10 mg/m <sup>3</sup>
Sodium Hydroxide	OSHA	PEL	2 mg/m <sup>3</sup>
	OSHA	TWA	2 mg/m <sup>3</sup>
	ACGIH	TLV	2 mg/m <sup>3</sup>
	NIOSH	IDLH	10 mg/m <sup>3</sup>

#### Personal Protective Equipment (PPE)

Safety glasses, splash goggles and/or face shields are required when handling large quantities of product. Wear chemical-resistant gloves if there is a potential for skin contact. In situations where exposure limits may be exceeded, a NIOSH-approved respirator is recommended

#### Engineering Controls

Use in area with adequate ventilation to minimize exposure to product mist

### SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

*Appearance:* Slightly yellow, clear liquid

*Upper flammability limit:* Not available



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*Odor:* bleach/hypochlorite

*Lower flammability limit:* Not available

*pH:* 12.3 ± 0.5

*Specific gravity:* 1.080 ± 0.011

*Melting/freezing point:* Not available

*Solubility in water:* Complete

*Boiling point:* Not available

*Partition coefficient:* Not available

*Flash point:* > 212 °F

*Auto-ignition temperature:* Not available

*Evaporation rate:* Not available

*Decomposition temperature:* Not available

*Vapor pressure:* Not available

**SECTION X – STABILITY AND REACTIVITY**

*Chemical stability:* Stable at normal use/storage conditions, will not hazardously polymerize

*Conditions to avoid:* Avoid contact with aluminum, tin and zinc, avoid exposure to excessive heat and light

*Incompatible materials:* Do not mix with other chemicals, including acids, reducing agents, ammonia or metals such as nickel, cobalt, copper and iron

*Hazardous decomposition products:* In presence of acids, chlorine gas may be released – in a fire situation, normal products of combustion will be released

*Hazardous reaction possibility:* chlorine gas will be released if product comes into contact with incompatible materials

**SECTION XI – TOXICOLOGICAL INFORMATION**

This product contains no known carcinogens and is not expected to be acutely toxic. If ingested, drink a glassful of water and do not induce vomiting. If in contact with eyes, hold eyes open, remove any contact lenses and immediately flush eyes with plenty of cool water for 15 minutes. Seek immediate medical attention

<i>Component</i>	<i>Acute toxicity, ingestion</i>	<i>Acute toxicity, absorption</i>	<i>Repeated dose toxicity</i>	<i>Developmental toxicity</i>	<i>Reproductive toxicity</i>	<i>Genetic toxicity</i>
Sodium Hypochlorite	3,000-5,000 mg/kg, LD50, rat	>2,000 mg/kg, LD50, mouse	not available	not available	not available	not available
Sodium Chloride	3,000 mg/kg, LD50, rat	>10,000 mg/kg, LD50, rabbit	not available	adverse reproductive effects in humans (fetotoxicity)	increased risk of toxemia of pregnancy in susceptible women	may affect genetic material
Sodium Hydroxide	not available	1,350 mg/kg, LD50, rabbit	chronic effects generally result of long-term irritation	none known	none known	none known

**SECTION XII – ECOLOGICAL INFORMATION**

*Sodium Hypochlorite:* Low bio-accumulation and soil mobility potential. Material is inorganic and thus not subject to biodegradability. Extremely toxic to aquatic organisms

*Sodium Chloride:* Low bio-accumulation potential. Material is inorganic and thus not subject to biodegradability. Moderately toxic to aquatic and terrestrial organisms. No data available on soil mobility

*Sodium Hydroxide:* Low bio-accumulation potential. Material is inorganic and thus not subject to biodegradability. Moderately toxic to aquatic organisms and slightly toxic to terrestrial organisms. No data available on soil mobility



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**SECTION XIII – DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all applicable federal, state and local regulations. Do not reuse empty containers – flush with water and place in appropriate trash or recycling receptacle

**SECTION XIV – TRANSPORTATION INFORMATION**

*US DOT Proper Shipping Name:* Hypochlorite solution

*US DOT Hazard Class:* 8

*US DOT ID Number:* UN1791

*US DOT Packing Group:* II

*Limited Quantity Exemption possible:* Yes, provided that inner packaging is 1.0 liter (33.8 US fluid ounces) or less – see 49 CFR 173.154 for more details

**SECTION XV – REGULATORY INFORMATION**

*TSCA:* All ingredients in this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30

*FIFRA:* This product is not a registered pesticide

*CERCLA reportable quantity:* 100 lbs Sodium Hypochlorite (approximately 1,190 lbs or approximately 127 gallons finished product)

*California Proposition 65:* This product contains no listed substances known to the state of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute

*SARA Title III 302 extremely hazardous substance:* No

*SARA Title III 313 reportable ingredients:* No

<i>SARA Title III 311/312 hazard categories:</i>	<u>Yes</u>	<u>No</u>
Immediate Hazard	X	
Delayed Hazard	X	
Fire Hazard		X
Pressure Hazard		X
Reactivity Hazard	X	

**SECTION XVI – OTHER INFORMATION**

This product should only be used as directed on the label and for its intended purpose. This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the manufacturer’s control and all chemicals may present unknown hazards and should be used with caution. User is responsible for evaluating all available information when using this product for a particular use and to comply with all applicable federal, state and local laws and regulations.