

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product identifier**

**Product Name** 1000 Foaming Sewer Line Cleaner

**Other means of identification**

**SDS#** 812

**Details of the supplier of the safety data sheet**

**Company Name** MISCO INDUSTRIAL, LLC  
 109 Space Park N  
 Goodlettsville, TN 37072  
 615-334-1861

**Emergency telephone number**

**Emergency Telephone** 1-800-255-3924

**2. HAZARDS IDENTIFICATION**

**Classification**

**OSHA Regulatory Status**

Not classified.

Acute toxicity - Oral	Category 4
Acute toxicity-Inhalation	Category 2
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Specific Target Organ Toxicity, single exposure	Category 2
Hazardous to the aquatic environment, acute hazard	Category 1
Hazardous to the aquatic environment, long term hazard	Category 1
Flammable liquids	Category 4

**Label elements**

**Emergency Overview**

**Danger**

**Hazard statements**

- Harmful if swallowed
- Causes skin irritation and eye damage
- Causes serious eye damage
- Fatal if inhaled
- May cause damage to organs
- Very toxic to aquatic life
- Very toxic to aquatic life with long lasting effects
- Combustible liquid



Not DOT corrosive.

**Appearance** Yellow

**Physical state** Liquid

**Odor** Chemical

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Avoid release to the environment  
 Keep away from flames/hot surfaces. — No smoking  
 Keep container tightly closed  
 Wear protective gloves/protective clothing/eye protection/face protection/  
 Use only outdoors or in a well ventilated area  
 Do not breath mist or vapor  
 Wash thoroughly after handling  
 Do not eat/drink/smoke when using this product

**Precautionary Statements - Response**

Specific Treatment is urgent (See Section 4 on the SDS)  
 Call a POISON CENTER or doctor/physician if you feel unwell  
 Wash contaminated clothing before reuse  
 If skin irritation occurs: Get medical advice/attention  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing and launder before reuse. Rinse skin with plenty of water/shower  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. DO NOT induce vomiting.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
 Immediately call a poison center/doctor.  
 In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction  
 Collect spillage

**Precautionary Statements - Storage**

Store locked up. Keep container tightly closed.  
 Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazards not otherwise classified (HNOC)****Other Information**

Unknown Acute Toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Alkyl dimethyl benzyl ammonium chloride	68424-85-1	1-5	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret. The exact identities of other ingredients has also been withheld as Trade Secret. However, they do not contribute to the identified hazards of the product and will be divulged to proper authorities in an emergency.

### 4. FIRST AID MEASURES

**First aid measures****General advice**

If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.

**Skin Contact**

Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse.

**Eye contact**

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a Poison Control Center/physician immediately.

1000 Foaming Sewer Line Cleaner

- Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth to mouth if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one way valve or other proper respiratory medical device. Call a physician or poison control immediately.
- Ingestion** Do NOT induce vomiting. Rinse mouth. Call a physician or poison control center immediately.
- Self-protection of the first aider** Use personal protective equipment as required.

**Most important symptoms and effects, both acute and delayed**

- Symptoms** Skin redness, irritation, burning, itching. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Permanent eye damage including blindness could result.

**Indication of any immediate medical attention and special treatment needed**

- Note to physicians** If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Use. Dry chemical. Carbon dioxide (CO2). Water spray (fog). Alcohol resistant foam.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Keep product and empty container away from heat and sources of ignition. Risk of ignition and hazardous decomposition products.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

- Personal precautions** Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Remove all sources of ignition. Pay attention to flashback. Take precautionary measures against static discharges. Use personal protective equipment as required. Do not breath vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

**Environmental precautions**

- Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

**Methods and material for containment and cleaning up**

- Methods for containment** Prevent further leakage or spillage if safe to do so.

1000 Foaming Sewer Line Cleaner

**Methods for cleaning up**

Cover liquid spill with sand, earth or other non-combustible absorbent material. Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent material. Take precautionary measures against static discharges. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on safe handling**

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Use with local exhaust ventilation. All equipment used when handling the product must be grounded. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions**

Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Keep in properly labeled containers.

**Incompatible materials**

None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Exposure Guidelines**

Exposure guidelines noted for ingredient(s).

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Alkyl dimethyl benzyl ammonium chloride (cas 68424-85-1)	N/E	N/E	N/E

**Other Information**

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Controls**

Showers, Eyewash stations & Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Safety goggles or safety glasses with side shields and a face shield.

**Skin and body protection**

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Respiratory protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators or air purifying respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene**

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Physical state**

Liquid

1000 Foaming Sewer Line Cleaner

<b>Appearance</b>	Clear
<b>Color</b>	Yellow
<b>Odor</b>	Low odor
<b>Odor threshold</b>	No Information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8.0-9.0	
Specific Gravity	1.00	
Viscosity	Water Thin	
Melting point/freezing point	No Information available	
Flash point	Unknown	
Boiling point / boiling range	No Information available	/
Evaporation rate	No Information available	
Flammability (solid, gas)	No Information available	
Flammability Limits in Air		
Upper flammability limit:	N/A	
Lower flammability limit:	N/A	
Vapor pressure	No Information available	
Vapor density	No Information available	
Water solubility	Forms unstable emulsion	
Partition coefficient	No Information available	
Autoignition temperature	No Information available	
Decomposition temperature	No Information available	

**Other Information**

Density Lbs/Gal	8.3
-----------------	-----

**10. STABILITY AND REACTIVITY**

**Reactivity**

Stable and non-reactive under normal use conditions.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Heat, flames and sparks. Incompatible materials.

**Incompatible materials**

Strong oxidizing agents, anionic surfactants.

**Hazardous Decomposition Products**

Oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

<b>Product Information</b>	Harmful by inhalation and in contact with eyes and skin.
<b>Inhalation</b>	Not likely, due to the form of the product.
<b>Eye contact</b>	Causes serious eye damage.
<b>Skin Contact</b>	Causes severe skin burns.
<b>Ingestion</b>	Toxic if swallowed. Causes digestive tract burns.

## 1000 Foaming Sewer Line Cleaner

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Alkyl dimethyl benzyl ammonium chloride	344mg/kg (rat)	>2000mg/kg (rabbit)	0.054-0.51 mg/L

**Information on toxicological effects**

**Symptoms** Burning pain and severe corrosive skin damage. Causes serious eye damage.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** Not expected to cause skin sensitization.  
**Germ cell mutagenicity** No Information available to indicate that concentrations greater than 0.1% are mutagenic or genotoxic.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Alkyl dimethyl benzyl ammonium chloride	No	No	No	No

***IARC (International Agency for Research on Cancer)****Not classifiable as a human carcinogen*

**Reproductive toxicity** Not expected  
**STOT - single exposure** May cause damage to organs.  
**STOT - repeated exposure** Not applicable  
**Chronic toxicity** No data available  
**Target organ effects** No data available.  
**Aspiration hazard** Not applicable

**Numerical measures of toxicity - Product Information**

**Acute Toxicity** Fatal if inhaled. Harmful if swallowed.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

1.2% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Alkyl dimethyl benzyl ammonium chloride	EC50 0.063mg/L 96 hrs	LC50 0.86 ppm, 96 hrs.	LC50 Daphnia 0.0058-0.016mg/L 48 hrs.

**Persistence and degradability**

Readily biodegradable.

**Bioaccumulation**

No Information available.

Chemical Name	Partition coefficient
	No data available

**Other adverse effects** No Information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container. Dispose of container according to local regulations.

## 14. TRANSPORT INFORMATION

1000 Foaming Sewer Line Cleaner

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

**DOT**

Please see current shipping papers for most up to date shipping information, including exemptions and special circumstances.

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** Complies  
**DSL/NDSL** Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 313**

Not regulated

Chemical Name	SARA 313 - Threshold Values %
N/A	N/A

**SARA 311/312 Hazard Categories**

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Alkyl dimethyl benzyl ammonium chloride	Not regulated	Not regulated	Not regulated

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not Applicable

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	Health hazards 3	Flammability 1	Instability 0	<b>Physical and Chemical Properties</b> Yes
<b><u>HMIS</u></b>	Health hazards 3	Flammability 1	Physical hazards 0	<b>Personal protection</b> C

**Issue Date**

December 14, 2016

**Revision Date**

**Revision Note**

No Information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**