

SAFETY DATA SHEET

Drain Blast

63929



Corporate Facility Supply

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IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Use of Preparation: Drain Opener

Company Identification:

Corporate Facility Supply

7 Neilson St.

St. Catharines, ON

L2M 5V9

Company Emergency Telephone Number(s):

905-682-8888

Transportation Emergency Telephone Number(s):

CANUTEC 613-996-6666 or *666 for cell phone

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HAZARD IDENTIFICATION

GHS Hazards: Skin corrosion/irritation Category 1A H314
Serious eye damage/eye irritation Category 1 H318

Hazard Pictograms :



GHS Label Elements, Including Precautionary Statement

Signal Word: DANGER

Hazard

Statements: Causes severe skin burns and eye damage. Causes serious eye damage.

Precautionary

Statements: Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a

position 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 or doctor/physician. Wash contaminated clothing before reuse.

Storage: Store locked up.

Disposal: Dispose of contents/container according to local, provincial and federal regulations.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient Name	CAS#	Classification	% by Wt
Sodium Hydroxide	1310-73-2	Corrosive to Metals Category 1 H290 Acute toxicity,oral Category 4 H302 Skin corrosion/irritation Category 1A H314 Serious eye damage/eye irritation Category 1 H318	7-13
Silicic Acid, disodium salt; Sodium metasilicate pentahydrate	6834-92-0	Skin corrosion/irritation Category 1A H314 STOT, single exposure; Respiratory tract irritation Category 3 H335 Corrosive to Metals Category 1 H290 Serious eye damage/eye irritation Category 1 H318	1-5
Sodium Hypochlorite 12%	7681-52-9	Corrosive to Metals Category 1 H290 Serious eye damage/eye irritation Category 1 H318 Skin corrosion/irritation Category 2 H315	0.5-1

4 FIRST AID MEASURES

Inhalation: Remove victim to fresh air. If symptoms persist, call a physician

Eye Contact: IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Consult a doctor immediately.

Skin Contact: Flush skin with plenty of water, for at least 15 minutes, while removing contaminated clothing. Call physician immediately. Wash contaminated clothing before reuse. Discard contaminated leather goods.

Ingestion: Immediately call physician or poison control centre. DO NOT induce vomiting. Give several glasses of water or milk. Never give anything by mouth if victim is unconscious or convulsing. If vomiting occurs naturally, have victim lean forward to avoid aspiration (breathing in) of material.

Most Important Symptoms and Effects: See Section 11 Toxicological Information

Notes to Physician: Treatment based on judgment of attending physician.

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FIRE FIGHTING MEASURES

Suitable extinguishing media:	Use extinguishing materials that are appropriate for surrounding burning material, such as carbon dioxide, foam or dry chemical. If water must be used, use it as a fog.
Unsuitable extinguishing media:	None known
Special exposure hazards:	Thermal decomposition may release toxic oxides of phosphorus, sodium or sulphur, as well as toxic chlorine gas.
Special safety equipment:	Fire-fighters should wear chemical-resistant clothing (for example, chemical splash suit) and positive pressure self-contained breathing apparatus, approved by NIOSH/MSHA.
Fire and explosion:	Not considered to be a fire or explosive hazard
Further information:	Not flammable. However, may generate flammable hydrogen gas on contact with metals. Hydrogen may collect inside containers to explosive levels.

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ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures:	Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in Sections 7 and 8
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For Non-Emergency Personnel

Protective Equipment:	Use appropriate personal protection equipment (PPE).
Emergency Procedures:	Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment:	Equip cleanup crew with proper protection.
Emergency Procedures:	Stop leak if safe to do so. Ventilate area.
Environmental Precautions:	Prevent release to the environment if possible. Dike large spills to prevent material from entering streams or sewer systems.

Methods and Material for Containment and Cleaning Up

For Containment:	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for Cleaning Up:	Recover and reuse as much of the product as possible. Absorb remainder with inert absorbent, such as vermiculite. Scoop up absorbent and place in corrosion-resistant containers, such as plastic, for disposal. Wash residue with detergent and flush with lots of water.
Reference to Other Sections:	See Heading 8. Exposure controls and personal protection.

7 HANDLING AND STORAGE

Precautions for safe handling:	Product is corrosive. Avoid contact with skin, eyes and clothing. Wear proper protective equipment. Ensure good ventilation/exhaustion at the workplace. Do not breathe thermal decomposition products. Wash thoroughly after handling.
Information about fire and explosion protection:	Keep respiratory protective device available.
Requirements to be met by storerooms and receptacles:	Store in a cool and dry location. Keep only in original container. Keep away from incompatible materials, (see section 10)
Information about storage in one common storage facility:	Store away from foodstuffs. Store away from oxidizing agents, acids and strong bases
Further information about storage conditions:	Store in cool, dry conditions in well sealed receptacles. Plastic containers recommended.
Specific end use:	No further relevant information available.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limit are exceeded or if irritation or other symptoms are experienced.
Hand protection:	Rubber, butyl rubber or neoprene gloves are recommended if skin contact might occur.
Eye protection:	Safety goggles or full face shield.
Skin protection:	Personal protective equipment comprising of suitable protective gloves, safety glasses and protective clothing
Working hygiene:	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.
Exposure Guidelines:	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	clear, yellow liquid
Molecular Weight:	No Data Available
Odour:	chlorine
Odour Threshold:	No Data Available
pH:	12.5-13.5
Melting Point:	No Data Available
Boiling Point:	No Data Available
Flash Point:	No Data Available
Evaporation Rate (BuAc=1):	No Data Available

Flammable Limits in Air:	No Data Available
Upper Flammability Limit:	No Data Available
Lower Flammability Limit:	No Data Available
Vapour Density (Air=1):	No Data Available
Vapour Pressure:	No Data Available
Specific Gravity:	1.11-1.13
Solubility in Water:	Very Soluble
Log Pow (calculated):	No Data Available
Autoignition Temperature:	No Data Available
Decomposition Temperature:	No Data Available
Viscosity:	As Water
Solubility in other Solvents:	No Data Available
Partition Coefficient: n-octanol / Water:	No Data Available
Kinematic Viscosity:	No Data Available
Dynamic Viscosity:	No Data Available
Explosive Properties:	No Data Available
Percent Volatile by Volume:	No Data Available

10 STABILITY AND REACTIVITY

Reactivity:	Normally stable.
Chemical stability:	Stable under recommended handling and storage conditions (see section 7).
Thermal decomposition conditions to avoid:	Heat
Possibility of hazardous reactions:	not known
Conditions to avoid:	Fire conditions, temperatures above 40°C, exposure to sunlight.
Hazardous decomposition products:	Chlorine gas when in contact with acids; hydrogen or oxygen gas when in contact with metals.
Materials to avoid:	Strong acids, oxidizers such as hydrogen peroxide, ammonia and urea, most metals.
Hazardous polymerization:	Will not occur

11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: None

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

Symptoms: Conditions aggravated by exposure: Skin conditions.

Sensitization: No data available

Mutagenic Effects: No data available

Carcinogenicity: No ingredient listed by IARC, ACGIH, NTP, and OSHA as carcinogens.

Reproductive Toxicity: No data available

STOT single exposure: No data available

STOT repeated exposure: No data available

Chronic Toxicity: No data available

Target Organ Effects: No data available

Aspiration hazard: No data available

Listed Ingredients:

Silicic Acid, disodium salt; Sodium metasilicate pentahydrate	Oral LD50 (rat) 1152-1379 mg/kg bw Inhalation LC50 (rat)>2.06 g/m3 Dermal LD50 (rat) >5000 mg/kg bw
Sodium Hydroxide	LC 50-Gambusia Affinis (Mosquito fish) 125 mg/L, 96 hours
Sodium Hypochlorite 12%	LD50 (oral) 8200 mg/kg Rat LD50 (dermal) >10,000 mg/kg Rabbit

12 ECOLOGICAL INFORMATION

Toxicity: Product is corrosive. High pH (alkalinity) of material and chlorine concentration is harmful to aquatic life.

Persistence and Degradability: No Data Available

Bioaccumulative Potential: No Data Available

Mobility in Soil: No Data Available

Other Information: No Data Available

Aquatic Toxicity: No Data Available

Toxicity to algae, fish, invertebrates: No Data Available

Biodegradation: No Data Available

13 DISPOSAL

- Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.
- Ecology – Waste Materials:** Avoid release to the environment.
- Empty Containers:** Triple rinse and dispose according to provincial, state and federal regulations

14 TRANSPORTATION INFORMATION

Department	Proper Shipping Name	Contains	Hazard Class	UN#	Packing Group
Canadian TDG (Road & Rail)	Corrosive Liquid, Basic, Inorganic, n.o.s.	Sodium Hydroxide, Sodium Hypochlorite	8	3266	III

Please note: This shipping description is of a general nature only. It does not consider package sizes, modes of transport and other specific circumstances. Appropriate regulations should be referenced, and handling for transportation of dangerous goods/hazardous materials should be performed by trained personnel only.

15 REGULATION

- OSHA/WHMIS 2015 Classification:** Corrosive to Eyes and Skin
- California PROP 65:** no ingredients listed
- Cdn Domestic Substance List (DSL):** All Ingredients Listed

HMIS III Rating

- Health:**
- Flammability:**
- Physical:**
- Personal Protection:**

16 OTHER INFORMATION

Prepared for:
Corporate Facility Supply
7 Neilson St.
St. Catharines, ON
L2M 5V9
(905) 682-8888

Issuing Date Version# Reason for Revision

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet