

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: : Drain Star
 Product Use: : Sink discharge pipe biological cleaner
 Supplier Name and Address: : Corporate Facility Supply
 7 Neilson Street
 St. Catharines, ON L2M 5V9

 Telephone: : (905) 682-8888
 Emergency Telephone: : CANUTEC (613) 996-6666

SECTION 2 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Physical State: Liquid
GHS Classification:
 Skin Irritation: Category 3
 Eye Irritation: Category 2B
 Acute Toxicity: Category 5
GHS Label Elements:
 Hazard Pictograms



Signal Word: Warning
Hazard Statements: H303 May be harmful if swallowed
 H315 Causes skin irritation
 H320 Causes eye irritation
Precautionary Statements:
Prevention
 P102 Keep out of reach of children
 P262 Do not get in eyes, on skin, or on clothing
 P284 In case of inadequate ventilation wear respiratory protection
Response
 P302 IF ON SKIN: Flush with plenty of water for at least 15 minutes
 P305 IF IN EYES: Flush with plenty of water for at least 15 minutes
 P332+P313 If skin irritation persists, get medical attention

Potential Health Effects:
 Inhalation : Intentional misuse by concentrating and inhaling the product can be harmful or fatal. May cause irritation of respiratory tract.
 Skin : Slightly irritating to the skin
 Eyes : Slightly irritating to the eyes
 Ingestion : No known significant effects or critical hazards
 Aggravated Medical Condition : None known
 Symptoms of Overexposure : None known

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	Concentration [%]
Concentrated Bacterial Culture	Not available	10
Essential Oils	Not available	0.25
Ethoxylated Alcohols C10-16	68002-97-1	1-5

SECTION 4 - FIRST-AID MEASURES

General Advice	: Move out of dangerous area Consult a physician Show this Safety Data Sheet to the doctor in attendance
Inhalation	: Move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing and no pulse. Obtain medical attention immediately.
Skin Contact	: Immediately flush with cool water for 15 minutes while removing contaminated clothing and shoes. Discard or wash well before reuse. Seek medical attention if irritation develops/persists.
Eye Contact	: If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Get medical attention if irritation develops and persists. Rinse with water. Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Seek medical attention if irritation develops.
Ingestion	: Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Seek medical attention, or contact poison control centre immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. IF SWALLOWED: immediately call a POISON CENTRE or doctor/physician.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Alcohol foam, carbon dioxide, dry chemical
Specific hazards arising from the chemical	: None known
Special protective actions for fire-fighters	: None
Additional advice	: None

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions	: Wear appropriate protective equipment.
Environmental precautions	: Prevent entry into sewers or streams. Dike if needed.
Methods and materials for containment/ cleaning up	: Use a water rinse for final clean-up
Additional advice	: None

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling : Use of nitrile gloves and eye protection is optional
Conditions for safe storage : Keep out of reach of children. Do not freeze. Store in a closed container away from incompatible materials
Other data : Do not freeze.

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters : Not available
Engineering Controls : Normal building ventilation is adequate.
 Ensure that eyewash stations and safety showers are close to the workstation location
Personal Protective Equipment
Eye/face protection : Safety glasses with side shields when there is potential for eye contact. Face shield also recommended for handling large amounts. Contact lenses should not be worn
Hand protection : Nitrile or rubber gloves are recommended
Skin protection : Protective coveralls or thick clothing that covers exposed skin
Respiratory protection : Wear a NIOSH/MSHA approved air-purifying respirator equipped with chlorine cartridges when vapours reach high levels
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice
 When using do not eat or drink
 When using do not smoke
 Wash hands before breaks and at the end of the workday

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: : Clear, purple liquid
Odor: : Lavender
Odor Threshold: : Not available
pH: : 6-8
Melting point/ freezing point: : 0 °C
Initial boiling point and boiling range: : 100 °C
Flash point: : Not available
Evaporation rate: : Not available
Flammability (solid, gas): : Not available
Upper/lower flammability or explosive limits: : Not available
Vapour pressure: : Not available
Vapour density: : Not available
Relative density (g/mL): : 1.0
Water solubility: : Not available
Solubility in other solvents: : Not available
Partition coefficient: n-octanol/water: : Not available
Auto-ignition temperature: : Not available
Decomposition temperature: : Not available
Viscosity: : As water

SECTION 10 - STABILITY AND REACTIVITY

Reactivity : Product is stable
Chemical Stability : Stable under normal conditions
Possibility of hazardous reactions : Hazardous decomposition products are not known
Conditions to avoid : Not available

Incompatible materials

: Strong concentrated acids, oxidizing and reducing agents.
Do not mix with chlorine bleach

Hazardous decomposition products

: May produce oxides of carbon and nitrogen when burned

SECTION 11 - TOXICOLOGICAL INFORMATION

Product Information

Acute toxicity : LD50 Not known
 Skin Corrosion/ Irritation : Not available
 Serious eye damage/irritation : Not available
 Respiratory or skin sensitization : Not available
 Germ cell mutagenicity : Not available
 Carcinogenicity : Not available
 Reproductive toxicity : Not Available
 STOT-single exposure : Not available
 STOT-repeated exposure : Not available
 Aspiration hazard : Not available

**Toxicology Data for Ingredients
Concentrated Bacterial Cultures**

Acute oral toxicity : LC50 Not available
 LD50 Not available
 Low acute oral toxicity although ingestion will cause irritation of the gastrointestinal tract and may result in nausea and diarrhea. May cause mild mechanical irritation to eyes, skin, and mucous membranes. May cause irritation from allergic reaction especially to people that have a history of allergic reaction.
 Skin irritation : Not available
 Eye irritation : Not available
 Sensitization : Not available

Essential Oils

Acute oral toxicity : LC50 Not available
 LD50 Not available
 Skin irritation : Not available
 Eye irritation : Not available
 Sensitization : Not available

SECTION 12 - ECOLOGICAL INFORMATION

Product Information:

Toxicity: : Not available
 Persistence and degradability: : Not available
 Bioaccumulative potential: : Not available
 Mobility in soil: : Not available
 Other adverse effects: : Not available

**Toxicology Data for Ingredients:
Concentrated Bacterial Cultures**

Toxicity: : LC50 Not available
 LC50 <100 mg/l
 Minimal impact under normal conditions of use and storage. The bacterial cultures are naturally occurring soil type organisms. The other components are unlikely to bioaccumulate and are biodegradable.
 Persistence and degradability: : Contents are biodegradable
 Bioaccumulative potential: : Not likely
 Mobility in soil: : Disperses in water

Other adverse effects:	: Aquatic toxicity: Expected to be toxic.
Essential Oils	
Toxicity:	: LC50 Not available LC50 Not available
Persistence and degradability:	: Not available
Bioaccumulative potential:	: Not available
Mobility in soil:	: Not available
Other adverse effects:	: Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Product : Sanitary sewer or dry absorbent if available.
For large quantities, contact local environmental department or government authorities
Do not dispose in drains, waterways, or soil
Do not contaminate ponds, or ditches with chemical or the used container

SECTION 14 - TRANSPORT INFORMATION

UN Number	: Not available
UN Proper Shipping Name	: Not available
Transport hazard class(es)	: Not available
Packing group, if applicable	: Not available
Environmental hazards	: Not available
Special precautions for user	: Not Available
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	: Not applicable

SECTION 15 - REGULATORY INFORMATION

WHMIS Status	: Not known
WHMIS classification	: Not known

SECTION 16 - OTHER INFORMATION

Prepared by: Technical Services
Telephone number: (905) 682-8888

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