

# SAFETY DATA SHEET

## Drain Star

### SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name:	Drain Star
Product Use:	Sink discharge pipe biological cleaner
Supplier Name and Address:	Corpack Canada 16 Seapark Drive, St. Catharines, ON L2M 6S6
Telephone:	: (905) 682-8888
Emergency Telephone:	: CANUTEC (613) 996-6666

### SECTION 2 - HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW

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



Signal Word:	Warning
Hazard Statements:	H303 May be harmful if swallowed H315 Causes skin irritation H320 Causes eye irritation
Precautionary Statements:	<b>Prevention</b> 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 <b>Response</b> 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

<b>Potential Health Effects:</b>	
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

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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

<b>General Advice</b>	: Move out of dangerous area Consult a physician Show this Safety Data Sheet to the doctor in attendance
<b>Inhalation</b>	: 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.
<b>Skin Contact</b>	: 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.
<b>Eye Contact</b>	: 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.
<b>Ingestion</b>	: 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

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

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

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**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, green liquid  
**Odor:** : Green Apple  
**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



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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



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### 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 bio-accumulate 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

**Preparation date:** January 2018



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own consideration, investigation and verification. If user requires independent information on ingredients in this or any other material, we recommend contact with Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905 572-4400)