



## GAP PROFESSIONAL PRODUCTS

### Safety Data Sheet Bio-Zyme Bacterial Cleaner

#### SECTION 1: Identification

##### 1.1 Product identifier

Product name Bio-Zyme Bacterial Cleaner

Product number 5553

##### 1.3 Recommended use of the chemical and restrictions on use

Enzyme cleaner

##### 1.4 Supplier's details

Name GAP Professional Products  
Address 122 Route 105  
Keswick Ridge, NB E6L 1B1  
Canada

Telephone (506) 363-9708  
Fax (506) 363-4241  
email info@gapauto.com

##### 1.5 Emergency phone number(s)

For Medical or Transport Emergencies/  
Pour les urgences médicales ou de transport  
CANUTEC (24 Hours/Heures)  
(613) 996-6666

#### SECTION 2: Hazard identification

##### 2.1 Classification of the substance or mixture

GHS classification in accordance with: (CA) WHMIS 2015

- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2

##### 2.2 GHS label elements, including precautionary statements

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## Bio-Zyme Bacterial Cleaner

### Pictogram



1. Exclamation mark

### Signal word

### Warning

### Hazard statement(s)

H315

Causes skin irritation

H319

Causes serious eye irritation

### Precautionary statement(s)

P264

Wash ... thoroughly after handling.

P280

Wear eye protection/face protection.

P280

Wear protective gloves.

P302+P352

IF ON SKIN: Wash with plenty of water/...

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P321

Specific treatment (see ... on this label).

P332+P313

If skin irritation occurs: Get medical advice/attention.

P337+P313

If eye irritation persists: Get medical advice/attention.

P362+P364

Take off contaminated clothing and wash it before reuse.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

Component	Concentration
Sodium xylenesulfonate (CAS no.: 1300-72-7; EC no.: 215-090-9)	0.5 - 1 % (weight)
CLASSIFICATIONS: Eye damage/irritation, Cat. 2A; Skin corrosion/irritation, Cat. 2; Respiratory. HAZARDS: H315 - Causes skin irritation; H319 - Causes serious eye irritation; H335 - May cause respiratory irritation.	

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and get medical attention

In case of skin contact

Immediately flush skin with lots of running water for at least 30 minutes. Remove contaminated clothing and shoes. Wash before reuse.

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In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

#### 4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

#### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available.

### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

Not considered a fire hazard.

#### 5.2 Specific hazards arising from the chemical

No specific fire or explosion hazard.

#### 5.3 Special protective actions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

#### Further information

Use water spray to cool unopened containers.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection if necessary. Avoid breathing gas, mist, vapors, spray. Ensure adequate ventilation. Evacuate personnel to safe areas.

For personal protection see section 8.

#### 6.2 Environmental precautions

Do not let concentrated product enter drains.

#### 6.3 Methods and materials for containment and cleaning up

Large Spills: Absorb large spills with suitable adsorbent. Lime slurry, soda ash, or other alkali can neutralize the acid. Wash the residue down the drain or pit with plenty of water.

Small Spills: Small spills can be flushed down the drain with plenty of water.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Put on appropriate personal equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Keep in original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container. Wash thoroughly after handling.

#### 7.2 Conditions for safe storage, including any incompatibilities

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Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials(see Section 10) and food and drink. Do not store under freezing conditions or above 49 C (120 F). Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Keep out of reach from children.

#### Specific end use(s)

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

## SECTION 8: Exposure controls/personal protection

### 8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Eye/face protection

Recommended: Chemical splash goggles Ensure that eyewash stations and/or safety showers are close to the workstation location if working with concentrated product.

#### Skin protection

Recommended: Chemical-resistant gloves. Neoprene Nitrile

#### Respiratory protection

Recommended: Dust mask or Respirator should be worn if product is used in confined space or used for a prolonged period of time.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	White Liquid
Odor	Fresh scent
Odor threshold	N/D
pH	5-6
Melting point/freezing point	N/A
Initial boiling point and boiling range	>212F
Flash point	None
Evaporation rate	1 (water=1)
Flammability (solid, gas)	N/A
Upper/lower flammability limits	LEL=N/A UEL=N/A
Upper/lower explosive limits	N/A
Vapor pressure	N/D
Vapor density	N/D
Relative density	N/D
Solubility(ies)	100%
Partition coefficient: n-octanol/water	N/D
Auto-ignition temperature	N/D
Decomposition temperature	N/D

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Viscosity  
Explosive properties  
Oxidizing properties

Thin Liquid  
None  
None

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Contact with incompatible materials.

#### 10.2 Chemical stability

Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

Stable under normal use conditions.

#### 10.4 Conditions to avoid

None under normal use conditions.

#### 10.5 Incompatible materials

Do not store near acids, carbon dioxide (CO<sub>2</sub>), and strong oxidizers such as permanganate, chlorine, ectoderm.

### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

Sodium xylenesulfonate LD50 Oral - Rat -male and female -  $\geq 7,200$  mg/kg

Sodium xylenesulfonate LD50 Oral - Rabbit -male and female -  $> 2,000$  mg/kg

##### Skin corrosion/irritation

Acute and delayed symptoms and effects:

May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

##### Serious eye damage/irritation

Acute and delayed symptoms and effects:

Can cause severe irritation, redness, tearing, blurred vision.

##### Respiratory or skin sensitization

Acute and delayed symptoms and effects:

Breathing of dust or mist can cause mild to severe irritation of nasal or respiratory passage.

Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

##### Germ cell mutagenicity

No data available

##### Carcinogenicity

Carcinogenicity: Ingredients not listed by OSHA, NTP, IARC.

##### Reproductive toxicity

No data available.

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### STOT-single exposure

Primary route of entry: A) Skin B) Inhalation

### STOT-repeated exposure

Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to product.

### Aspiration hazard

May be harmful if swallowed and enters airways.

### Additional information

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CITRIC ACID: \*TOXICITY:

typ. dose mode specie amount units other

LD50 orl rat 11700 mg/kg

LD50 ipr rat 883 mg/kg

LD50 scu rat 5500 mg/kg

LD50 orl mus 5040 mg/kg

LD50 ipr mus 961 mg/kg

LD50 scu mus 2700 mg/kg

LD50 ivn mus 42 mg/kg

LDLo orl rbt 7000 mg/kg

LD50 ivn rbt 330 mg/kg

\*AQTX/TLM96: Not available

\*SAX TOXICITY EVALUATION:

THR = MODERATE orally and by inhalation. A MODERATE irritating organic acid, some allergenic properties. A sequestrant food additive. Also a general-purpose food additive.

\*CARCINOGENICITY: Not available

\*MUTATION DATA: Not available

\*TERATOGENICITY: Not available

\*STANDARDS, REGULATIONS & RECOMMENDATIONS:

OSHA: None

ACGIH: None

NIOSH Criteria Document: None

NFPA Hazard Rating: Health (H): None

Flammability (F): None

Reactivity (R): None

\*OTHER TOXICITY DATA:

Skin and Eye Irritation Data:

skn-rbt 500 mg/24H MOD

eye-rbt 750 ug/24H SEV

Status: Reported in EPA TSCA Inventory, 1983

## SECTION 12: Ecological information

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**Toxicity**

ENVIRONMENTAL DATA: No known significant effects or critical hazards

ECOTOXICOLOGICAL INFORMATION: Not Available

**SECTION 13: Disposal considerations**

**Disposal of the product**

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Dispose of empty bottle in the trash or recycle where facilities exist.

**SECTION 14: Transport information**

14.1	UN Number	None
14.2	UN Proper Shipping Name	None
14.3	Transport hazard class(es)	None
14.4	Packing group	None
14.5	Environmental hazards	None
14.6	Special precautions for user	None
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	None

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations specific for the product in question**

**Canadian Domestic Substances List (DSL)**

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components**

Sodium xylenesulphonate

CAS-No. 1300-72-7

**New Jersey Right To Know Components**

Sodium xylenesulphonate

CAS-No. 1300-72-7

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

**SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

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**SARA 311/312 Hazards**

Acute Health Hazard

**SECTION 16: Other information**

**16.1 Further information/disclaimer**

These SDS are written in an effort to provide information to the worker in the workplace and in such a way it can be understood. To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of 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.

**16.2 Preparation information**

Prepared by Craig Gourley