

**SAFETY DATA SHEET****SECTION I - PRODUCT IDENTIFICATION**

**Product Identifier:** Biozymes 1020  
**Other means of identification:** Mold and Mildew Stain Eliminator  
**Recommended use:** Mold and Mildew Stain Cleaner  
**Manufacturer/Supplier Name:** Magna Chemical Canada Inc.  
**Address:** 1450 Government Road West, Kirkland Lake ON P2N 2E9  
**Phone:** 705 642 3352 or 416 479 9151  
**Emergency Only:** Canutec 24hr Tel: 613 996 6666  
**Revision date:** 15 January 2019

**SECTION II – HAZARDS IDENTIFICATION****Classification**

Classification of the chemical accordance with 29CFR 1910.1200

WHIMIS Classification

Serious eye damage/eye irritation Category 1

**Label Elements****Danger****Hazard Statements**

H318 – Causes serious eye damage

**Precautionary statements - Prevention**

P280: Wear eye protection/face protection

**Precautionary statements - Response**

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 – Immediately call a POISON CENTER or doctor/physician

**Hazards not otherwise classified (HNOC)**

Not applicable

**SECTION III – COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%	GHS Classification
Benzenesulfonic acid C 10-16-alkyl derivs	68584-22-5	10 – 30	Eye Irrit. 2 H319
Ethoxylated Alcohols C9-C11	68439-46-3	1 – 5	Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Acute 1; H401 Aquatic Chronic 3; H412



## SECTION IV – FIRST AID MEASURES

### **Eye Contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Consult physician if symptoms persist

### **Skin Contact**

Wash off immediately with soap and plenty of water.

### **Inhalation**

Move to fresh air.

### **Ingestion**

Clean mouth with water and afterwards drink plenty of water

### **Notes to Physician**

Treat symptomatically

## SECTION V – FIRE FIGHTING MEASURES

### **Flammable Properties**

Slightly flammable according to HMIS criteria

### **Suitable Fire-extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

### **Unsuitable Extinguishing Media**

None

### **Hazardous Combustion Products**

None

### **Specific Hazards Arising from the Chemical**

May cause allergic respiratory reaction

### **Protective Equipment and Precautions for Firefighters**

Self-contained breathing apparatus and standard turn-out apparel

## SECTION VI – ACCIDENTAL RELEASE MEASURES

### **Personal Precautions**

For personal protection see section 8

### **Environmental Precautions**

Collect spillage

### **Methods for cleaning up**

Avoid formation of dust and aerosols

Spilled preparation should be removed immediately to avoid formation of dust from dried preparation. Take up by mechanical means preferably by a vacuum cleaner equipped with a HEPA (High Efficiency Particulate Air) filter. Flush remainder carefully with plenty of water. Avoid splashing, high pressure washing or compressed air cleaning to avoid formation of aerosols. Ensure sufficient ventilation. Wash contaminated clothing.

### **Other Information**

For personal protection see section 8.

## SECTION VII – HANDLING AND STORAGE

### **Handling**

Avoid formation of dust and aerosols. Ensure adequate ventilation.

### **Storage**

Keep tightly closed in a dry and cool place.

### **Temperature**

10-25°C (32-77°F)

### **Storage Conditions**

In unbroken packaging – dry and protect from sun. The product has been formulated for optimal stability. Extended storage or adverse conditions such as higher temperatures or higher humidity may lead to a higher dosage requirement.



## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational exposure controls

#### Engineering controls

Ensure adequate ventilation, especially in confined areas.

Maintain good conditions of industrial hygiene. Some processes may require enclosures, local exhaust ventilation, or other engineering controls to control airborne levels. Additional health/safety information is available upon request.

#### Personal Protective Equipment

##### Respiratory Equipment

In case of insufficient ventilation wear suitable respiratory equipment that meets HEPA/P100 specifications.

##### Eye Protection

Wear safety glasses with side shields (or goggles).

##### Skin and Body Protection

No special technical protective measures are necessary.

#### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practices.

#### Environmental Exposure Controls

Local authorities should be advised if significant spillages cannot be contained.

## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid
<b>Color</b>	Light brown
<b>Odour</b>	Slight fermentation odour
<b>Odour Threshold</b>	No information available
<b>pH-value at 20°C</b>	7-9
<b>Boiling Point</b>	No information available
<b>Melting Point</b>	No information available
<b>Flash Point</b>	>100°C
<b>Freezing Point 1</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Explosive Properties</b>	No information available
<b>Oxidizing Properties</b>	No information available
<b>Autoignition Temperature</b>	No information available
<b>Vapour Pressure</b>	No information available
<b>Decomposition Temperature</b>	No information available
<b>Vapour Density</b>	No information available
<b>Density (g/ml)</b>	1
<b>Evaporation Rate</b>	No information available
<b>Solubility</b>	None
<b>Partition coefficient: n-octanol/water</b>	No information available
<b>Viscosity</b>	No information available



## SECTION X – STABILITY & REACTIVITY

### Chemical stability

Stable under recommended storage conditions.

### Conditions to avoid

None.

### Materials to Avoid

None.

### Hazardous decomposition products

None.

### Possibility of Hazardous Reactions

None.

## SECTION XI – TOXICOLOGICAL INFORMATION

### Information on toxicological effects

Chemical Name	Acute Oral Toxicity	Acute Inhalation Toxicity	Skin Corrosion/Irritation	Serious Eye Damage/Irritation
Benzenesulfonic acid C 10-16-alkyl derivs	LD50: 300-2000 mg/kg bw	No Data Available	No Data Available	Irritating
Ethoxylated Alcohols C9-C11	LD50: 300-2000 mg/kg (OECD401)	No Data Available	Irritating	Risk of serious damage to eyes

Chemical Name	Specific Target Organ Toxicity (single exposure)	Genetic Toxicity	Skin Sensitization	Respiratory Sensitization
Benzenesulfonic acid C 10-16-alkyl derivs	No Data Available	No Data Available	No Data Available	No Data Available
Ethoxylated Alcohols C9-C11	No Data Available	No mutagenic effect	Non-sensitizing	No Data Available

## SECTION XII – ECOLOGICAL INFORMATION

### Toxicity

Chemical Name	Daphnia, Acute	Algae, Acute	Fish, Acute
Benzenesulfonic acid C 10-16-alkyl derivs	No Data Available	No Data Available	No Data Available
Ethoxylated Alcohols C9-C11	EC50 (48 hours): 5 – 10 mg/l	EC50 (72 hours) 10 – 100 mg/l	LC50: 1 – 10 mg/l

### Persistence/Degradability

Chemical Name	Persistence and Degradability	Partition Coefficient (n-octanol/water)
Benzenesulfonic acid, C 10-16-alkyl derivs	No Data Available	LogPow: <0
Ethoxylated Alcohols, C9-C11	Readily Biodegradable (OECD TG 301B)	LogPow: <0

### Bio accumulative Potential

Bioaccumulation is unlikely

Chemical Name	Bio accumulative Potential
Benzenesulfonic acid, C 10-16-alkyl derivs	Does not bioaccumulate
Ethoxylated Alcohols, C9-C11	No Data Available

### Mobility in Soil

Not relevant

### Other Adverse Effects

No information available



## SECTION XIII – DISPOSAL CONSIDERATIONS

### Disposal of Wastes

Dispose of in accordance with local regulations

### Contaminated Packaging

Dispose of wastes in an approved waste disposal facility

## SECTION XIV – TRANSPORT INFORMATION

### Transportation Regulation

Not a dangerous good according to transport regulations

No special precautions required

### Transport Hazard Class(es)

Not applicable

### Packaging Group

Not applicable

### Environmental Hazards

Not applicable

## SECTION XV – REGULATORY INFORMATION

### USA, Federal Regulations

#### TSCA Inventory

All ingredients are listed on TSCA Inventory

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and 40 CFR Part 372.

#### SARA 311/312 Hazard Categorization

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

### USA, State Regulation

#### California Proposition 65

This product does not contain any Proposition 65 chemicals

### Canada

### DSL/NDSL

Complies

### WHIMIS Statement

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulation (HPR) and the SDS contains all the information required by WHIMIS 2015.

## SECTION XVI – OTHER INFORMATION

**HMIS rating:** Health - 0 Fire - 0, Reactivity - 0, Protection - B

Where

0 = Insignificant

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

A = Safety Glass

B = Safety Glass & Gloves

C = Safety Glass, Gloves & Apron

D = Face Shield, Gloves & Apron



Replaces edition of: 10 March 2016

**Relevant phrases:**

H301 Toxic if swallowed.  
H302 Harmful if swallowed.  
H311 Toxic in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H331 Toxic if inhaled.  
H335 May cause respiratory irritation.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

**Abbreviations and acronyms**

**ADR:** Accord Européen sur le transport des marchandises dangereuses par Route (European Agreement concerning International Carriage of Dangerous Goods by Road)  
**IMDG:** International Maritime Code for Dangerous Goods  
**IATA:** International Air Transport Association  
**GHS:** Globally Harmonized System of Classification and Labelling of Chemicals  
**EINECS:** European List of Notified Chemical Substances  
**CAS:** Chemical Abstracts Service Number  
**PBT:** Persistent, Bio accumulative and Toxic  
**vPvB:** very Persistent and very Bio accumulative  
**Acute Tox. 3:** Acute toxicity – Category 3  
**Acute Tox. 4:** Acute Toxicity – Category 4  
**Skin Cor. 1B:** Skin corrosion/irritation – Category 1B  
**Skin Irrit. 2:** Skin corrosion/irritation – Category 2  
**Eye Dam. 1:** Serious eye damage/eye irritation – Category 1  
**Skin Sens. 1:** Skin Sensitization – Category 1  
**STOT SE 3:** Specific target organ toxicity (single exposure) – Category 3  
**Aquatic Acute 1:** Hazardous to the aquatic environment – acute aquatic hazard – Category 1  
**Aquatic Chronic 1:** Hazardous to the aquatic environment – long-term aquatic hazard – Category 1  
**HMIS:** Hazardous Materials Identification System  
**ACGIH:** American Conference of Governmental Industrial Hygienists  
**OSHA:** Occupational Safety and Health Administration  
**TLV:** Threshold Limit Value  
**PEL:** Permissible Exposure Limit  
**REL:** recommended exposure limit  
**TWA8:** The time weighted average concentration for a normal 8-hour workday and a 40-hour workweek, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect  
**N.A:** Not applicable  
**N/E:** Not establish  
**N.D:** Not determine  
**C:** Ceiling (The concentration that should not be exceeded during any part of the working exposure)

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