

## Safety Data Sheet

According to 1907/2006/EC, Article 31

Trade Name: BIOZYMES 1050

### SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

**1.1 Product Identifier Trade Name:** BIOZYMES 1050**1.2 Relevant identified use of the substance or mixture and uses advised against:**

No further relevant information available.

**Application of the substance / the mixture:** Parts Washer Fluid**1.3 Details of the supplier of the Safety Data Sheet****Manufacturer/Supplier:**

Magna Chemical Canada Inc.

1450 Government Road West

Kirkland Lake, Ontario, Canada P2N 2E9

**Information Department:** [magna@vapro.com](mailto:magna@vapro.com)**1.4 Emergency Telephone Number:**

CANUTEC 24 Hour Service

CANUTEC: 613.996.6666

**Date Issued:** January 15, 2019

### SECTION 2: Hazards Identification

**2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008**

GHS07

Eye Irritation 2 H319 Causes serious eye irritation.

Skin Sensitivity 1 H317 May cause an allergic skin reaction.

**2.2 Label Elements****Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**

GHS07

**Signal Word:** Warning**Hazard-determining components of labelling:**

1,2-benzisothiazol-3(2H)-one

**Hazard statements**

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

**Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves / eye protection / face protection.

P305+P351+P338 **IF IN EYES:** Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## Safety Data Sheet

### According to 1907/2006/EC, Article 31

**Trade Name:** BIOZYMES 1050

#### 2.3 Other hazards

##### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

## SECTION 3: Composition/Information on Ingredients

### 3.2 Chemical characterization: Mixtures

**Description:** Mixture of the substances listed below with nonhazardous additions.

Ingredients:		
CAS: 68991-48-0 EC number: 614-889-3	Ethoxylated alcohol	>10-<50%
	<1> Eye Irritation 2, H319	
CAS: 2634-33-5 EINECS: 220-120-9	1,2-benzisothiazol-3 (2H)-one	>0.05-<0.1%
	<£> Eye Dam. 1, H318; <\$> Aquatic Acute 1, H400; <j> Acute Tox. 4, H302; Skin Irritation 2, H315; Skin Sensitivity 1, H317	

#### Additional information

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First Aid Measures

### 4.1 Description of first aid measures after inhalation

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably on side position for transportation.

#### After skin contact

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

#### After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

#### After swallowing

If symptoms persist consult doctor.

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

The symptoms and effects are as expected from the hazards shown in section 2.

No specific product related symptoms are known.

**Information for doctor** Show this safety data sheet to the doctor in attendance.

### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## SECTION 5: Firefighting Measures

### 5.1 Extinguishing media

#### Suitable extinguishing agents

Use firefighting measures that suit the environment.

### 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

### 5.3 Advice for firefighters

Self-contained breathing apparatus

#### Protective equipment:

Wear self-contained respiratory protective device.

## Safety Data Sheet

According to 1907/2006/EC, Article 31

Trade name: BIOZYMES 1050

### SECTION 6: Accidental Release Measures

**6.1 Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear protective equipment. Keep unprotected persons away.

**6.2 Environmental Precautions:**

Do not allow undiluted product to enter sewers/surface or ground water.

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**6.4 Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and Storage

**7.1 Precautions for safe handling**

Ensure good ventilation/exhaust at the workplace.

**Information about protection against explosions and fires:**

No special measures required.

**7.2 Conditions for safe storage, including any incompatibilities****Storage Requirements to be met by storerooms and receptacles:**

No special requirements.

**Information about storage in one common storage facility:**

Do not store together with acids. Store away from foodstuffs.

**Further information about storage conditions:**

Keep product from freezing.

Keep receptacle tightly sealed.

**Storage class:** 12

**7.3 Specific end use(s):**

No further relevant information available.

### SECTION 8: Exposure Controls/Personal Protection

**Additional information about design of technical systems:**

No further data; see item 7.

**8.1 Control parameters****Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:**

The lists that were valid during the creation were used as basis.

**8.2 Exposure controls**

Use local exhaust ventilation to control airborne concentrations below exposure limits.

**Personal protective equipment****General protective and hygienic measures**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

## Safety Data Sheet

### According to 1907/2006/EC, Article 31

**Trade name:** BIOZYMES 1050

**Breathing equipment:** Use suitable respiratory protective device in case of insufficient ventilation.



Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). To determine the appropriate type of respiratory protection that should be used, a hazard assessment should be performed prior to using the product. Environmental conditions such as ventilation and other contaminants may affect the type of respiratory protection that is chosen.

**Protection of hands:**

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Protective Gloves** I.E., Nitrile, Viton, Neoprene

**Eye protection:** Goggles recommended during refilling.

**Body protection:** Protective work clothing.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

#### General Information

**Appearance:**

**Form:** Liquid

**Colour:** Light yellow

**Odour:** Pleasant

**Odour threshold:** Not determined.

**pH Value at 20°C:**

#### Change in Condition

**Melting point/freezing point:** Undetermined

**Initial boiling point and boiling range:** 100 °C

**Flash point:** Not applicable

**Flammability (solid, gaseous)** Not applicable

**Decomposition temperature:** Not determined

**Self-igniting:** Product is not self-igniting

**Explosive properties:** Product does not present an explosion hazard

#### Explosion limits:

**Lower:** Not determined

**Upper:** Not determined

**Vapour pressure at 20 °C:** 23 hPa (\*)

**Density at 20 °C:** 1.01 - 1.03 g/cm<sup>3</sup>

**Relative density** Not determined

**Vapour density** Not determined

**Evaporation rate** Not determined

## Safety Data Sheet

According to 1907/2006/EC, Article 31

Trade name: BIOZYMES 1050

<b>Solubility in / Miscibility with water:</b>	Fully miscible
<b>Partition coefficient: n-octanol/water:</b>	Not determined.
<b>Viscosity:</b> <b>Dynamic:</b> <b>Kinematic:</b> <b>9.2 Other information</b>	Not determined Not determined The above data are typical values and do not constitute a specification. *Properties have been calculated.

### SECTION 10: Stability and Reactivity

**10.1 Reactivity:** Reacts with acids

**10.2 Chemical stability:** Stable under recommended storage conditions

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications

**10.3 Possibility of hazardous reactions:** No dangerous reactions known

**10.4 Conditions to avoid:** No further relevant information available

**10.5 Incompatible materials:** Acids

**10.6 Hazardous decomposition products:** No dangerous decomposition products known

### SECTION 11: Toxicological Information

#### 11.1 Information on toxicological effects

**Acute toxicity:** Based on available data, the classification criteria are not met.

**LD/LC50 values that are relevant for classification:**

**68991-48-0 Ethoxylated alcohol**

Oral LD50 >2,000 mg/kg (Rat)

**Primary irritant effect:**

**Skin corrosion/irritation:** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

Causes serious eye irritation.

**Respiratory or skin sensitization**

May cause an allergic skin reaction.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

**Carcinogenicity:** Based on available data, the classification criteria are not met.

**Reproductive toxicity:** Based on available data, the classification criteria are not met.

**STOT-single exposure:** Based on available data, the classification criteria are not met.

**STOT-repeated exposure:** Based on available data, the classification criteria are not met.

**Aspiration hazard:** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological Information

#### 12.1 Toxicity

**Aquatic toxicity:**

**68991-48-0 Ethoxylated alcohol**

LC50 70.7 mg/l (Oncorhynchus mykiss (rainbow trout))

**12.2 Persistence and degradability:** No further relevant information available.

## Safety data sheet

### According to 1907/2006/EC, Article 31

**Trade name:** BIOZYMES 1050

**12.3 Bio accumulative potential:** No further relevant information available.

**12.4 Mobility in soil:** No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable

**vPvB:** Not applicable

**12.6 Other adverse effects:** No further relevant information available.

## SECTION 13: Disposal Considerations

### 13.1 Waste treatment methods

**Recommendation:** Dispose of in accordance with local, state, and federal regulations.

#### European waste catalogue

The European Waste Catalogue (EWC) waste codes do not refer to product but to origin. The manufacturer is therefore unable to quote a waste code for products which are used in various industries.

Any codes shown should be regarded as a recommendation to the user.

**HP 4 Irritant** - skin irritation and eye damage

#### Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleansing agent:** Water, if necessary with cleansing agents.

## SECTION 14: Transportation Information

<b>14.1 UN-Number</b> ADR, ADN, IMDG, IATA	Void
<b>14.2 UN Proper Shipping Name</b> ADR, ADN, IMDG, IATA	Not applicable Void
<b>14.3 Transport Hazard Class(es)</b> ADR, ADN, IMDG, IATA Class	Not applicable Void
<b>14.4 Packing group</b> ADR, IMDG, IATA	Not applicable Void
<b>14.5 Environmental hazards</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation"</b>	Void

**Safety Data Sheet**  
**According to 1907/2006/EC, Article 31**

**Trade name: BIOZYMES 1050**

**SECTION 15: Regulatory Information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I** None of the ingredients is listed.

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other Information**

**Relevant phrases**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

**Abbreviations and acronyms:**

ADR: Accord European sur le transport des marchandises dangereuses par Route (European Agreement concerning the 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 Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bio accumulative and Toxic

vPvB: very Persistent and very Bio accumulative

Acute Tox. 4: Acute toxicity - Category 4

Skin Irritation 2: Skin corrosion/irritation - Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Eye Irritation 2: Serious eye damage/eye irritation - Category 2

Skin Sens. 1: Skin sensitization - Category 1

Aquatic Acute 1: Hazardous to the aquatic environment

Acute Aquatic Hazard – Category 1

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