

PRODUCT: BIOMYSTIC**CODE: 4009****SECTION 01: IDENTIFICATION**

Supplier identifier..... Contract Packaging Distribution Inc
 155 Bethridge Rd
 Etobicoke ON. M9W 1N4
 Canada
 416-746-4226

Product identifier..... BIOMYSTIC
 Product code..... 4009
 Emergency telephone number..... CANUTEC 24-hour number (613-996-6666).
 Product use..... Odour control.

SECTION 02: HAZARD IDENTIFICATION

According to Hazardous Products Regulations (HPR) (SOR/2015-17)

Hazard classification..... Not a hazardous substance or mixture.

Signal word..... None.

Hazard statement..... None.

Precautionary statements..... None.

Other hazards..... Ingestion of this product may cause gastrointestinal irritation, nausea, vomiting and diarrhea. .

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Viable bacterial culture	not available	7-13
<The exact concentration of composition has been withheld as a trade secret>		

SECTION 04: FIRST-AID MEASURES

Routes of exposure

Inhalation..... No Exposure expected under normal use.

Ingestion..... Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

Skin contact..... Remove contaminated clothing. Wash thoroughly with soap and water. If irritation develops, get medical aid.

Eye contact..... Promptly flush with large amounts of cold water for at least 15 minutes. If irritation persists, consult a physician.

Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

SECTION 05: FIRE-FIGHTING MEASURES

Extinguishing media..... Use an extinguishing agent suitable for the surrounding fire. Do not use water jet as an extinguisher, as this will spread the fire.

Hazardous combustion products..... Carbon oxides. Harmful vapours.

Special protective equipment and precautions Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Sensitivity to static discharge..... Product is not sensitive to static discharge.

Sensitivity to mechanical impact..... Product is not sensitive to mechanical impact.

Further information..... Not applicable.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Use personal protective clothing.

Environmental precautions..... Do not discharge into drains/surface waters/groundwater.

Methods and materials for containment and cleaning up Absorb spill with inert material (e.g. dry sand or earth) and place in a chemical waste container. Recycle, if possible. Clean up affected area with a large amount of water. Contaminated absorbent material may pose the same hazards as the spilled product.

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SECTION 07: HANDLING AND STORAGE

Handling precautions..... Avoid contact with skin and eyes.
 Storage needs..... Avoid exposure to excessive heat, light, and air for prolonged periods of time. Keep containers from excessive heat and freezing.
 Materials to avoid..... Keep away from strong acids. Keep away from strong bases. Keep away from oxidizing agents.

SECTION 08: EXPOSURE CONTROLS I PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Viable bacterial culture	no data	available	no data	available	no data	available
Engineering controls.....	No special ventilation requirements.					
Individual protection measures						
Eye/type.....	None required under normal conditions of use.					
Gloves/type.....	None required under normal conditions of use . For prolonged exposure, use butyl rubber gloves.					
Respiratory/type.....	Not required.					
Hygiene measures.....	Handle in accordance with good industrial hygiene and safety practice. Wear clean long legged, long sleeved work clothes.					

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance..... liquid.
 Color..... opaque.
 Odour..... n/a.
 Odour threshold..... not available.
 pH..... 8-8.5.
 Melting point (°C)..... not applicable.
 Freezing point (°C)..... 0.
 Initial boiling point (°C)..... 100.
 Flash point (°C), Method..... >100°C, closed cup.
 Evaporation rate..... not available.
 Upper flammability limit (% vol)..... not available.
 Lower flammability limit (% vol)..... not available.
 Vapour pressure (mm Hg)..... 17.5.
 Vapour density (air=1)..... not available.
 Relative density/Specific Gravity..... 1.02.
 Water solubility..... soluble.
 Solubility in other solvents..... not available.
 Partition coefficient — n-octanol/water..... not available.
 Auto ignition temperature (°C)..... > 200 °C.
 Thermal decomposition temperature..... not available.
 Viscosity..... thin liquid.

SECTION 10: STABILITY AND REACTIVITY

Reactivity..... No hazardous reactions if stored and handled as prescribed/indicated.
 Chemical stability..... The product is stable if stored and handled as prescribed/indicated.
 Possibility of hazardous reactions..... No hazardous reactions when stored and handled according to instructions. The product is chemically stable.
 Conditions to avoid..... Exposure to air or moisture over prolonged periods. Prolonged heat/light/air exposure.
 Incompatible materials..... Acids and bases. Strong oxidizing agents.
 Hazardous decomposition products..... No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Viable bacterial culture	no data	available
Routes of exposure		
Inhalation.....	Inhalation of spray or mist may cause irritation of the respiratory tract.	
Ingestion.....	Ingestion of this product may cause nausea, vomiting and diarrhea.	
Skin contact.....	Contact may cause skin irritation.	
Eye contact.....	Contact may cause eyes irritation.	
Acute effects		

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SECTION 11: TOXICOLOGICAL INFORMATION

Acute oral toxicity.....	Acute toxicity estimate > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single ingestion.
Acute dermal toxicity.....	LD50 (Rabbit) : > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single skin contact.
Acute inhalation toxicity.....	At room temperature, exposure to vapor is minimal due to low volatility .
Skin corrosion/irritation.....	Result: non-irritant.
Serious eye damage/eye irritation.....	Result: non-irritant.
Respiratory or skin sensitisation.....	Non-sensitizing.
Specific target organ toxicity (STOT) single exposure	Based on the available information there is no specific target organ toxicity to be expected after a single exposure.
Aspiration hazard.....	No aspiration hazard expected.
Chronic toxicity/effects	
Specific target organ toxicity (STOT) repeated exposure	No known significant effects or critical hazards.
Carcinogenicity.....	No carcinogenic substances as defined by IARC, NTP, OSHA and/or ACGIH.
Reproductive toxicity.....	No known significant effects or critical hazards.
Germ Cell Mutagenicity.....	No known significant effects or critical hazards.
Remarks.....	The product has not been tested. The statement has been derived from the properties of the individual components.
Symptoms of Exposure.....	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Further important symptoms and effects are so far not known.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity.....	There is a high probability that the product is not acutely harmful to aquatic organisms.
Persistence and degradability.....	The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.
Bioaccumulative potential.....	No data available.
Mobility in soil.....	No data available.
Other adverse effects.....	No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods	
Waste disposal of substance.....	Dispose of in accordance with national, state and local regulations.
Container disposal	Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

SECTION 14: TRANSPORT INFORMATION

TDG classification.....	Not regulated as a dangerous good.
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SECTION 15: REGULATORY INFORMATION

WHMIS regulatory status.....	This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015). Not WHMIS 2015 controlled.
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SECTION 16: OTHER INFORMATION

Disclaimer.....	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.
Prepared by:	CanChem Consultant
Preparation date.....	APR 26/2023