

PRODUCT: Q7
SECTION 01: Chemical product and company identification

Product name Q7 Biological Waste treatment

Manufactured By Nitmoi Labs Inc
29 Centennial Road Unit 6-7
Orangeville Ont.
519-217-6172

Supplied By Aquarian Chemicals Inc.
8-768 Westgate Road
Oakville, ON L6L 5N2
905-825-3711

24 hour emergency number: In Canada call Canutec (613) 996-6666.

Material use Biological waste digester.

SECTION 02: Hazards identification


Signal Word WARNING.

Hazard Classification Skin Sensitizer 1A.

Hazard Statements H317 May cause an allergic skin reaction. H316 Causes mild skin irritation.

Precautionary Statements P261 Avoid breathing dust/fume/gas/mist/vapors/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 If on skin, wash with plenty of soap and water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P363 Wash contaminated clothing before reuse. P501 Dispose of contents/container in accordance to federal rules, laws and regulations.

SECTION 03: Composition/Information on ingredients

HAZARDOUS INGREDIENTS	CAS #	WT. %
1,2-Benzisothiazolin-3-one	2634-33-5	0.015-0.035

SECTION 04: First aid measures

Eye contact Flush for 15 minutes using plenty of water. If irritation persists seek medical attention.

Skin contact Wash skin immediately with soap and water. If skin irritation or allergic reactions occur, get medical attention.

Inhalation If inhaled remove to fresh air.

Ingestion Rinse mouth with water. Drink plenty of water. Never give anything by mouth to an unconscious person.

Symptoms Itching. Rashes. Hives.

Additional information May cause sensitization in susceptible people. Treat victims symptomatically.

SECTION 05: Fire fighting measures

Extinguishing media Use extinguishing measures that are appropriate for local circumstances and the surrounding environment.

Unsuitable extinguishing media Water spray may be inefficient.

Fire Fighting Instructions Use full protective apparel and self contained breathing apparatus.

Hazardous combustion products Carbon oxides.

SECTION 06: Accidental release measures

Personnel Precautions Avoid skin contact. Avoid eye contact. Stop leak if it can be done without risk.

Methods for cleanup/containment Absorb in suitable inert material. Place into a suitable container for disposal.

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SECTION 07: Handling and storage

Handling procedures Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes, skin and clothing.

Storage needs Keep container tightly closed. Store away from incompatible materials.

SECTION 08: Exposure controls / personal protection

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
1,2-Benzisothiazolin-3-on	Not available	Not available	Not available	Not available	Not available

Engineering controls Use local exhaust if general ventilation is inadequate. Supply safety shower and eyewash station near handling area.

Eye/Face protection If splashes are likely, wear safety glasses with side shields.

Skin Protection If there is to be repeated or prolonged contact, wear protective gloves and clothing.

Respiratory protection Not needed under normal conditions of use. If irritation is experienced, ventilation and evacuation may be required.

SECTION 09: Physical and chemical properties

Physical state Liquid.

Colour Straw.

Odour Characteristic odour.

Odour threshold (ppm) Not available.

Vapour pressure (mm Hg) Not available.

Vapour density (air=1) Not available.

pH 6.5-8.8.

Freezing point (deg C) Not available.

Melting point (deg c) Not available.

Boiling point (deg C) 100.

Solubility Dispersible in water.

Specific gravity 1.01 g/cm³.

Evaporation rate Not available.

Flash point (deg C), method Not applicable.

Auto ignition temperature (deg C) Not available.

Upper flammable limit (% vol) Not available.

Lower flammable limit (% vol) Not available.

Coefficient of water/oil distribution Not available.

Viscosity Water-thin.

VOC Negligible.

SECTION 10: Stability and reactivity

Stability Stable under recommended storage and handling conditions.

Hazardous reactions None under normal conditions. Hazardous polymerization will not occur.

Conditions to avoid Temperature extremes. Incompatible materials.

Incompatibility Strong acids. Strong alkali. Strong oxidizers.

Hazardous products of decomposition Oxides of carbon (CO,CO₂).

Note Incompatible materials may react with product and inactivate bacterial cultures.

SECTION 11: Toxicological information

INGREDIENTS	LC50	LD50
1,2-Benzisothiazolin-3-one	0.15-0.35.	
Eye	Not available.	
Skin.....	May cause skin sensitization.	
Ingestion	Not available.	
Inhalation	Not available.	
Mutagenicity.....	Not available.	
Carcinogenicity of material	Contains no ingredient listed as a carcinogen.	
Reproductive toxicity.....	Not available.	
Sensitizing capability of material.....	May cause sensitization by skin contact. Some people may be more susceptible than others.	
Target organs	Skin.	
Symptoms.....	Itching. Redness. Hives.	

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SECTION 12: Ecological information

Note This product is not expected to be dangerous to the environment with respect to mobility, persistence, biodegradability, bio-accumulative potential, and aquatic toxicity.

SECTION 13: Disposal considerations

Waste disposal Dispose of in accordance with local, provincial, and federal regulations.

SECTION 14: Transport information

Note Not TDG regulated.

SECTION 15: Regulatory information

WHMIS 1988 classification Not Controlled.

DSL All components are listed either on the DSL or NDSL.

SECTION 16: Other information

Prepared by Regulatory Affairs.

Disclaimer It is the user's responsibility to verify the accuracy and suitability of the above information for all possible uses, foreseen and unforeseen.

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