



Safety Data Sheet

Section 1 – Identification of the substance/preparation and of the company/undertaking

Identification of the substance or mixture

Product name: Advanced qPCR MasterMix 5 X 1ml

Catalog number: 800-435-**

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

Company details

Wisent Inc.

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Wisent Inc.

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Canada, J3V 4P8

Section 2 – Hazards identification

GHS Classification

Signal Word

None

Hazard pictograms

None

Health hazards

Not Hazardous

Physical hazards

Not Hazardous

Environmental hazards

Not Hazardous

Hazard Statements

Not Applicable

Precautionary Statements

Prevention

Not Applicable

Response

Not Applicable

Storage

Not Applicable

Disposal

Not Applicable

**Other hazards**

Not Applicable

HMIS

Health	0
Flammability	0
Reactivity	0

Section 3 – Composition/Information on ingredients

Component	CAS-No	EINECS-No	Weight %
Component CAS-No EINECS-No Weight % Glycerol 56-81-5 (10-30)	56-81-5	200-289-5	10-30
SODIUM AZIDE	26628-22-8	-	<0.1

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Section 4 – First aid measures**Description of first aid measures****Skin contact**

Rinse skin with water. Immediate medical attention is not required.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Ingestion

Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

Inhalation

Not expected to be an inhalation hazard under anticipated conditions of normal use of this material.

Consult a physician if necessary.

Notes to Physician

Treat symptomatically.

Most important symptoms and effects, both acute and delayed

Not Applicable

Indication of any immediate medical attention and special treatment needed

None

Section 5 – Firefighting measures**Extinguishing media****Suitable extinguishing media**

Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Unsuitable extinguishing media



No information available.

Special hazards arising from the substance or mixture

Not known

Protective equipment and precautions for firefighters

Standard procedure for chemical fires.

Section 6 – Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation Always wear recommended Personal Protective Equipment

Use personal protection equipment See section 8 for more information

Environmental precautions

No special environmental precautions required.

Methods and material for containment and cleaning up

Soak up with inert absorbent material.

Reference to other sections

See section 8 for more information.

Section 7 – Handling and storage

Precautions for safe handling

Use personal protective equipment as required. No special handling advices are necessary

Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

Specific end use(s)

For research use only.

Section 8 – Exposure controls/personal protection

Control parameters

Chemical Name	OSHA PEL OSHA	PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Glycerol	15 mg/m ³ 5 mg/m ³	None	None	None
SODIUM AZIDE	None	None	None	None

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Exposure controls

Personal Protective Equipment

Respiratory protection

In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

Hand protection

Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

Eye protection

Tight sealing safety goggles.

Skin and Body Protection

Wear suitable protective clothing.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls

No special environmental precautions required.

Section 9 – Physical and chemical properties**Information on basic physical and chemical properties**

Appearance liquid

Odor No data available

Odor Threshold

No data

Molecular Weight No data

pH No data available

Melting point / melting range °C No data °F No data

Boiling point / boiling range °C No data °F No data

Flash point °C No data °F No data

Autoignition Temperature °C No data °F No data

Decomposition temperature °C No data °F No data

Evaporation rate No data

Flammability (solid, gas) No data available

Upper explosion limit No data

Lower explosion limit No data

Vapor Pressure No data

Vapor density No data

Relative density No data

Specific gravity No data

Solubility No data available

Partition coefficient: n-octanol/water No data available

Viscosity No data

Explosive properties No data

Oxidizing properties No data

Other information No data available.

Section 10 – Stability and reactivity**Reactivity**

None known.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Hazardous reaction has not been reported.

Conditions to avoid

No information available.

Incompatible materials

Strong acids. Oxidizing agents. Acetic anhydride. Isocyanates. Ammonia. Bases.

Hazardous decomposition products

Carbon oxides

Section 11 – Toxicological information

Information on toxicological effects

Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
Glycerol	= 12600 mg/kg Oral	No data available	>570mg/m ³ (Rat)
SODIUM AZIDE	= 27 mg/kg (Rat)	No data available	No data available

Principal Routes of Exposure

Acute toxicity

Data are conclusive but insufficient for classification.

Skin corrosion/irritation

Data are conclusive but insufficient for classification

Serious eye damage/irritation

Data are conclusive but insufficient for classification

Respiratory or skin sensitization

Data are conclusive but insufficient for classification

Specific target organ toxicity (STOT)—single exposure

Data are conclusive but insufficient for classification

Specific target organ toxicity (STOT)—repeated exposure

Data are conclusive but insufficient for classification

Carcinogenicity

Data are conclusive but insufficient for classification

Mutagenicity

Substances which cause concern for man owing to possible mutagenic effects but for which the available information is not adequate for making a satisfactory assessment

Reproductive toxicity

Data are conclusive but insufficient for classification

Aspiration hazard

Data are conclusive but insufficient for classification

Section 12 –Ecological information



Toxicity

Chemical Name	Freshwater Algae Data	Water Flea Data	Freshwater Fish Species Data	Microtox Data	log Pow
Glycerol	No data available	Daphnia magna EC50>500 mg/L (24 h)	No data available	No data available	logPow-1.76
SODIUM AZIDE	No data available	No data available	No data available	No data available	No data available

Mobility in soil

No information available.

Persistence and degradability

Inherently biodegradable.

Bioaccumulative potential

Material does not bioaccumulate

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other adverse effects

No information available.

Section 13 – Disposal considerations

Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

Section 14 – Transport information

DOT (US)

Not regulated as dangerous

IATA

Not regulated as dangerous

IMDG

Not regulated as dangerous

Section 15 – Regulatory information

WHMIS Classification



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

Section 16 – Other information

MSDS Date of revision: June 2019

For research use only. Not use for diagnostic procedures.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions.