

Safety Data Sheet

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

Identification of the substance or mixture

Product name: Puromycin, powder

Catalog number: 400-160-**

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

Company details

Wisent Inc.

3645 Principale

Saint-Jean-Baptiste, Qc

Canada J0L2B0

Telephone: +1 (450) 446-2660

Toll-free in Canada: 1-888-947-3681

Fax: +1 (450) 446-7038

Emergency telephone: +1 (514) 777-1312

Wisent Inc.

PO Box 131

St-Bruno, Qc

Canada, J3V 4P8

Section 2 – Hazards identification

Classification of the substance or mixture

GHS Classification in accordance with Hazardous Products Regulations (HPR) (SOR/2015-17)

H302 Acute toxicity, Oral (Category 4)

For the full text of the H-Statements mentioned in this Section, see Section 16.

GHS Label elements, including precautionary statements

Pictogram



Signal Word

Warning

Hazard statement(s)

H302 Harmful if swallowed.

Precautionary statement(s)

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.

P501 Dispose of contents/ container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC) or not covered by GHS

none

Section 3 – Composition/Information on ingredients

CAS#	Composant	No.-CE	Classification
58-58-2	S)-3'-[[2-Amino-3-(4-methoxypheny	200-387-8	Acute Tox. 4; H302

Section 4 – First aid measures

Description of first aid measures

General advice

Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

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

Indication of any immediate medical attention and special treatment needed

No data available.

Section 5 – Firefighting measures

Extinguishing media

Suitable extinguishing media

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

Special hazards arising from the substance or mixture

Carbon oxides, Nitrogen oxides (NOx), Hydrogen chloride gas

Advice for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No data available

Section 6 – Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours, mist or gas. For personal protection see section 8.

Environmental precautions

No special environmental precautions required.

Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

Section 7 – Handling and storage

Precautions for safe handling

For precautions see section 2.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature -20 °C Storage class (TRGS 510): 12: Non Combustible Liquids

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated

Section 8 – Exposure controls/personal protection

Control parameters

Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

No special environmental precautions required.

Section 9 – Physical and chemical properties

Information on basic physical and chemical properties

Appearance	liquid
------------	--------

Odour	No data available
Odour Threshold	No data available
pH	No data available
Melting point/Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Evaporation rate	No data available
Flammability	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Relative vapour density	No data available
Specific gravity	No data available
Water Solubility	No data available
Solubility (solvents)	No data available
Partition coefficient	No data available
Explosive properties	No data available
Oxidizing properties	No data available

Section 10 – Stability and reactivity

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available

Condition to avoid

No data available

Incompatible materials

Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NO_x), Hydrogen chloride gas Other decomposition products - No data available In the event of fire: see section 5

Section 11 – Toxicological information

Acute toxicity

Revised date: February 2024
Catalog number 400-160-**

Product name: Puromycin, powder



No data available

Inhalation: No data available

Dermal: No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

Additional Information

RTECS: Not available

Section 12 –Ecological information

Toxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

No data available

Section 13 – Disposal considerations



Waste treatment method

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

Section 14 – Transport information

DOT (US)

Not dangerous good

IMDG

Not dangerous good

IATA

Not dangerous good

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: February 2024

For research use only. Not use for diagnostic procedures.