

## Safety Data Sheet

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

#### Identification of the substance or mixture

Product name: Streptomycin sulfate, powder

Catalog number: 400-170-\*\*

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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### Section 2 – Hazards identification

#### Classification of the substance or mixture

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

Acute toxicity, Oral (Category 4), H302

Reproductive toxicity (Category 2), H361

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.

H361 Suspected of damaging fertility or the unborn child.

#### **Precautionary statement(s)**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P264 Wash skin thoroughly after handling.



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

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

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

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P405 Store locked up.

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#	EC#	Component	Classification	Concentration
3810-74-0		Streptomycin sulphate	Acute Tox. 4; Repr. 2; H302, H361	<= 100 %

### Section 4 – First aid measures

#### Description of first aid measures

##### **General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

##### **If inhaled**

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

##### **In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

##### **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. 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

##### **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), Sulphur oxides

##### **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**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Pick up and arrange disposal without creating dust. Sweep up and shovel. 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**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.

**Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place.

Storage class (TRGS 510): 11: Combustible Solids

**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**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Personal protective equipment**

**Eye/face protection**

Safety glasses with side-shields conforming to EN166 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

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a fullface particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## Section 9 – Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	powder
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<sub>x</sub>), Sulphur oxides Other decomposition products - No data available In the event of fire: see section 5

**Section 11 – Toxicological information**

**Acute toxicity**

LD50 Oral - Rat - 430 mg/kg

Remarks: (Lit.)

Absorption

**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**

Suspected of damaging the unborn child. Suspected of damaging fertility.

**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



To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

After absorption: We have no description of any toxic symptoms. Other dangerous properties can not be excluded. Handle in accordance with good industrial hygiene and safety practice.

Liver - Irregularities - Based on Human Evidence

## Section 12 – Ecological information

### Toxicity to fish

LC50 - Oncorhynchus mykiss (rainbow trout) - > 180 mg/l - 96 h Remarks: (Lit.)

### Toxicity to daphnia and other aquatic invertebrates

EC50 - Ceriodaphnia (water flea) - 487 mg/l - 48 h Remarks: (Lit.)

### 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

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. 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

Revised date: June 2019  
Catalog number 400-170-\*\*

Product name: Streptomycin sulfate, powder



### **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.