# Safety Data Sheet

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

**Identification of the substance or mixture**

Product name: Bactopeptone (tryptone peptone)
Catalog number: 800-157-**
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

**GHS-Labeling**
Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
**Other hazards**
None known.

## Section 3 – Composition/Information on ingredients

**Remarks** WHMIS hazardous composition: No ingredients are hazardous according to the CPR criteria

## Section 4 – First aid measures

**Description of first-aid measures**
**Inhalation**
After inhalation: fresh air.
**Skin contact**
After skin contact: wash off with plenty of water. Remove contaminated clothing.
**Eye contact**
After eye contact: rinse out with plenty of water.
**Ingestion**
After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**
We have no description of any toxic symptoms.
**Indication of any immediate medical attention and special treatment needed**
No information available.

## Section 5 – Firefighting measures

**Extinguishing media**
**Suitable extinguishing media**
Water, Foam, Carbon dioxide (CO2), Dry powder
**Unsuitable extinguishing media**
For this substance/mixture no limitations of extinguishing agents are given.
**Special hazards arising from the substance or mixture**
Development of hazardous combustion gases or vapors possible in the event of fire.
**Advice for firefighters**
**Special protective equipment for fire-fighters**
In the event of fire, wear self-contained breathing apparatus.
**Further information**
Prevent fire extinguishing water from contaminating surface water or the ground water system.

## Section 6 – Accidental release measures

**Personal precaution, protective equipment and emergency procedures**
Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. Advice for emergency responders: Protective equipment see section 8.
**Methods and material for containment and cleaning up**
Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts
**Environmental precautions**
Do not let product enter drains.

## Section 7 – Handling and storage

**Precautions for safe handling**
Observe label precautions.
**Conditions for safe storage, including any incompatibilities**
Tightly closed. Dry. Store at +15°C to +25°C (+59°F to +77°F).

## Section 8 – Exposure controls/personal protection

**Exposure limit(s)**
Contains no substances with occupational exposure limit values.
**Engineering measures**

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

**Individual protection measures**

Protective clothing should be selected specifically for the workplace, depending on concentration and quantity of the hazardous substances handled. The chemical resistance of the protective equipment should be inquired at the respective supplier.

**Hygiene measures**

Change contaminated clothing. Wash hands after working with substance.

**Eye/face protection**

Safety glasses

**Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Respiratory protection**

required when dusts are generated. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9 – Physical and chemical properties

**Information on basic physical and chemical properties**

| | |
|---|---|
| Appearance | solid |
| Odour | characteristic |
| Color | light brown |
| 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 | ca.800 g/l at 68 °F (20 °C) |
| Solubility (solvents) | No data available |

| | |
|---|---|
| Partition coefficient | No data available |
| Explosive properties | Not classified as explosive. |
| Oxidizing properties | 490 kg/m³ |

## Section 10 – Stability and reactivity

**Reactivity**

The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.

**Chemical stability**

sensitive to moisture Sensitive to air.

**Possibility of hazardous reactions**

No data available

**Condition to avoid**

No data available

**Incompatible materials**

no information available

**Hazardous decomposition products**

no information available

## Section 11 – Toxicological information

**Information on toxicological effects**

**Likely route of exposure**

Eye contact, Skin contact, Ingestion

**Specific target organ systemic toxicity - single exposure**

The substance or mixture is not classified as specific target organ toxicant, single exposure.

**Specific target organ systemic toxicity - repeated exposure**

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

**Aspiration hazard**

Regarding the available data the classification criteria are not fulfilled.

**Carcinogenicity**

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

**OSHA** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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

**Further information**

Quantitative data on the toxicity of this product are not available. Further toxicological data: Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately. Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions. Further data: Substances which occur in nature Handle in accordance with good industrial hygiene and safety practice.

## Section 12 –Ecological information

**Ecotoxicity**
No information available.
**Persistence and degradability**
No information available.
**Bioaccumulative potential**
No information available.
**Mobility in soil**
No information available.
**Additional ecological information**
We have no quantitative data concerning the ecological effects of this product. Further information on ecology No ecological problems are to be expected when the product is handled and used with due care and attention.

## Section 13 – Disposal considerations

The information presented only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. Disposal should be in accordance with applicable regional, national and local laws and 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

**United States of America**
**Canada**
**WHMIS Classification** Not controlled under WHIMS (Canada). This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

**Notification status**

**TSCA:** Not Listed on TSCA inventory. For Research and Development Use only. Not For Manufacturing or Commercial Purposes.

**DSL:** This product contains one or several components that are not on the Canadian DSL nor NDSL.

## 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.