# Safety Data Sheet

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

**Identification of the substance or mixture**

Product name: Sucrose
Catalog number: 800-081-**
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
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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)**
Combustible dust (Category 1),
For the full text of the H-Statements mentioned in this Section, see Section 16.

**GHS Label elements, including precautionary statements**

**Pictogram**
none
**Signal word**
Warning
**Hazard statement(s)**
May form combustible dust concentrations in air.
**Precautionary statement(s)**
None

## Section 3 – Composition/Information on ingredients

| Component | CAS-No | EC-No. | Classification | Concentration |
|---|---|---|---|---|
| Sucrose | 57-50-1 | 200-334-9 | | <= 100 % |

## Section 4 – First aid measures

**Inhalation**
If breathed in, move person into fresh air. If not breathing, give artificial respiration.
**Skin contact**

Rinse with plenty of soap and water.

**Eye contact**

Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

**Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling.

**Information for doctor**

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**

Nature of decomposition products not known.

**Advice for fire-fighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

No data available

## Section 6 – Accidental release measures

**Personal precaution, protective equipment and emergency procedures**

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

**Methods and material for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Environmental precautions**

No special environmental precautions required.

**Reference to other sections**

For disposal see section 13.

## Section 7 – Handling and storage

**Precaution for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.

**Condition for safe storage, including any incapability**

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

**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**

**Components with workplace control parameters**

| Components | CAS-No. | Value | Control parameters | Basis |
|---|---|---|---|---|
| Sucrose | 57-50-1 | TWAEV | 10 mg/m3 | Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants |
| | | TWA | 10 mg/m3 | Canada. Alberta, Occupational Health and Safety Code (table 2: OEL) |
| | | TWA | 10 mg/m3 | Canada. British Columbia OEL |
| | | TWA | 3 mg/m3 | Canada. British Columbia OEL |
| | | TWA | 10 mg/m3 | USA. ACGIH Threshold Limit Values (TLV) |

**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**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., 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 is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. 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 | Solid |

| | |
|---|---|
| Odour | No data available |
| Odour Threshold | No data available |
| pH | 5.5 - 7 at 342 g/l at 25 °C (77 °F) |
| Melting point/freezing point | Melting point/range: 185 - 187 °C (365 - 369 °F) |
| 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 (solid, gas) | May form combustible dust concentrations in air. |
| 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 | 342 g/l at 20 °C (68 °F) - completely soluble |
| 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**
Other decomposition products - No data available Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known. In the event of fire: see section 5

## Section 11 – Toxicological information

**Acute toxicity**
LD50 Oral - Rat - 29,700 mg/kg

Remarks: Behavioral: Somnolence (general depressed activity). Cyanosis Diarrhoea
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

**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: WN6500000

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

## 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 methods**
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 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: February 2024

For research use only. Not use for diagnostic procedures.