# Safety Data Sheet

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

**Identification of the substance or mixture**

Product name: EMEM With Earle's Salts and L-Glutamine
Catalog number: 320-005-**
For research use only. Not intended for human or animal diagnostic or therapeutic uses.

**Company details**

Wisent Inc.
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Saint-Jean-Baptiste, Qc
Canada J0L2B0
Telephone: +1 (450) 446-2660
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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**
Not a hazardous substance or mixture.
**GHS Label elements, including precautionary statements**
Not a hazardous substance or mixture.
**Hazards not otherwise classified (HNOC) or not covered by GHS** – none

## Section 3 – Composition/Information on ingredients

No components need to be disclosed according to the applicable regulations.

## Section 4 – First aid measures

**Description of first aid measures**

**Ingestion**
Never give anything by mouth to an unconscious person. Rinse mouth with water.
**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.
**Unsuitable extinguishing media**
No data available
**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.

## Section 6 – Accidental release measures

**Personal precaution, protective equipment and emergency procedures**
Avoid breathing vapours, mist or gas. For personal protection see section 8.
**Methods and material for containment and cleaning up**
Keep in suitable, closed containers for disposal.
**Environmental precautions**
No special environmental precautions required.

## Section 7 – Handling and storage

**Precaution for safe handling**
For precautions see section 2.
**Condition for safe storage, including any incapability**
Keep container tightly closed in a dry and well-ventilated place. Storage class (TRGS 510): 12: Non Combustible Liquids
**Specific end use(s)**
Apart from the uses mentioned in section 1.2 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 | 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**
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

**Information on toxicological effects**
**Acute toxicity**
No data available
Inhalation: No data available
Dermal: No data available
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

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
**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**
**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 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.