Safety Data Sheet

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

Identification of the substance or mixture

Product name: Agarose Low EEO
Catalog number: 800-015-**
For research use only. Not intended for human or animal diagnostic or therapeutic uses.

Company details

Wisent Inc.
3645 Principale
Saint-Jean-Baptiste, Qc
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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

Substance/Mixture
Substance
Substance Name
Agarose
CAS-No.
9012-36-6
Components
No hazardous ingredients

Section 4 – First aid measures

Description of first aid measures

General advice

o not leave the victim unattended

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 plenty of water.

In case of eye contact

Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Protect unharmed eye.
If eye irritation persists, consult a specialist.

If swallowed

Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Rinse mouth with water.

Most important symptoms and effects, both acute and delayed

None known.

Indication of any immediate medical attention and special treatment needed

The first aid procedure must be established in consultation with the doctor responsible for industrial medicine.

Section 5 – Firefighting measures

Extinguishing media

Suitable extinguishing media

Water, foam, dry powder, carbon dioxide.

Special hazards arising from the substance or mixture

No information available.

Hazardous combustion products

Sulfur oxides

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Section 6 – Accidental release measures

Personal precautions, protective equipment and emergency procedures
Avoid dust formation.
Environmental precautions
Local authorities should be advised if significant spillages cannot be contained.
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.

Section 7 – Handling and storage

Precautions for safe handling
Provide appropriate exhaust ventilation at places where dust is formed.
For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.
Conditions for safe storage, including any incompatibilities
Electrical installations / working materials must comply with the technological safety standards.
See label, package insert or internal guidelines.
Keep container tightly closed in a dry and well-ventilated place. Store at 15 to 30°C.
Specific end use(s)
No decomposition if stored and applied as directed.

Section 8 – Exposure controls/personal protection

Control parameters
Exposure controls
Contains no substances with occupational exposure limit values.
Appropriate engineering controls
General industrial hygiene practice. Handle in accordance with good industrial hygiene and safety practice.
Personal protective equipment
Eye/face protection
Use safety glasses.
Skin protection
Handle with gloves. For contact through splashing use nitrile rubber gloves, break through time > 30 min, glove thickness > 0.11 mm.
For full contact use butyl-rubber gloves, break through time > 480 min, glove thickness > 0.4 mm
Gloves must be inspected prior to use.
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.

Section 9 – Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Powder
Odor	Odorless
Color	white
pH	Concentration: 10 g/l neutral
Melting point/Freezing point	80 - 89.5 °C
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	Sustains combustion
Upper explosion limit	No data available
Lower explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Density	No data available
Relative density	No data available
Specific gravity	No data available
Water Solubility	partly soluble (20 °C) soluble (100 °C) 10 g/l slightly soluble (80 °C)
Solubility (solvents)	No data available
Partition coefficient	No data available
Explosive properties	No data available
Oxidizing properties	The substance or mixture is not classified as oxidizing.
Bulk density	No data available
Relative vapour density	No data available

Section 10 – Stability and reactivity

Reactivity
No dangerous reaction known under conditions of normal use.
Chemical stability
Stable under recommended conditions.
Possibility of hazardous reactions
Stable under recommended storage conditions. No hazards to be specially mentioned. Dust may form explosive mixture in air.
Condition to avoid
Exposure to moisture.
Incompatible materials
No data available.
Hazardous decomposition products
In case of fire hazardous decomposition products may be produced such as: Carbon oxides.

Section 11 – Toxicological information

Information on toxicological effects
Acute toxicity
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
No data available
Reproductive toxicity
No data available
Specific target organ toxicity - single exposure
May cause respiratory irritation.
Specific target organ toxicity - repeated exposure
No data available
Aspiration hazard
No data 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 methods
Product
Can be disposed as waste water, when in compliance with local regulations.
Contaminated packaging
Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section 14 – Transport information

International Regulations
UNRTDG
Not regulated as a dangerous good
IATA-DGR Not regulated as a dangerous good
IMDG-Code Not regulated as a dangerous good
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable
Domestic regulation
TDG
Not regulated as a dangerous good.

Section 15 – Regulatory information

WHMIS Classification
Not controlled
The ingredients of this product are reported in the following inventories
AIIC : On the inventory, or in compliance with the inventory
DSL : All components of this product are on the Canadian DSL

NZIoC : On the inventory, or in compliance with the inventory
ENCS : Not in compliance with the inventory
ISHL : Not in compliance with the inventory
KECI : On the inventory, or in compliance with the inventory
PICCS : On the inventory, or in compliance with the inventory
IECSC : On the inventory, or in compliance with the inventory
TCSI : On the inventory, or in compliance with the inventory
TSCA : All substances listed as active on the TSCA inventory

Canadian lists
No substances are subject to a Significant New Activity Notification.

Section 16 – Other information

MSDS Date of revision: September 2024
For research use only. Not use for diagnostic procedures.