SAFETY DATE SHEET

Agarose

Cat.No.CTG-MT0001-A	The Celltechgen™ Agarose I, 100g	ISSUE DATE July 9, 2019
Cat.No.CTG-MT0001-B	The Celltechgen™ Agarose I, 2*100g	ISSUE DATE July 9, 2019
Cat.No.CTG-MT0001-C	The Celltechgen™ Agarose I, 5*100g	ISSUE DATE July 9, 2019

Section1: Identification of the substance/mixture and of the company/undertaking

GHS product identifier : Agarose I
Other means of identification : Not available.
Product code

Relevant identified uses of the substance or mixture and uses advised against

Not applicable

Supplier's details

Celltechgen LLC

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Toll-free: 1-877-994-4100

www.celltechgen.com

Email: info@celltechgen.com

Emergency telephone: 1-877-994-4100

SECTION 2: Hazards identification

Australian MSDS Statement : Classified as non-hazardous according to the criteria of Worksafe Australia.

GHS - Classification

Signal word : not hazardous
Health hazard : not hazardous
Physical hazards : Not Hazardous

European Union

EU Specific Hazard Statements

R-phrase(s) :None
S-phrase(s) :None

Principle Routes of Exposure/Potential Health effects

Eyes :May cause eye irritation with susceptible persons
Skin :May cause skin irritation in susceptible persons.
Inhalation :May be harmful by inhalation
Ingestion. :May be harmful if swallowed.

Specific effects

Carcinogenic effects :none
Mutagenic effects :none
Reproductive toxicity :none
Sensitisation :none
Target Organ Effects :No known effects under normal use conditions

SECTION 3: Composition/information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

SECTION4:First aid measures

Description of first aid measures

Skin contact :Rinse with plenty of water. If symptoms arise, call a physician.

Eye contact :Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Ingestion :Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Do not induce vomiting without medical advice.

Inhalation :Move to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration

Notes to Physician :Treat symptomatically.

SECTION5:Firefighting measures

Suitable extinguishing media :Water spray. Carbon dioxide (CO_2). Foam. Dry chemical.

Special protective equipment for firefighters :Wear self-contained breathing apparatus and protective suit.

SECTION 6: Accidental release measures

Personal precautions,

Use personal protective equipment.

Methods and material for containment and cleaning up

Soak up with inert absorbent material

Environmental precautions

Prevent further leakage or spillage if safe to do so.

See Section 12 for additional information.

SECTION 7: Handling and storage

Handling

Avoid contact with skin, eyes and clothing. Wear personal protective equipment.

Storage

Keep in a dry, cool and well-ventilated place.

SECTION 8: Exposure controls/personal protection

Exposure Limits : We are not aware of any national exposure limit.

Engineering measures :Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection :Impervious gloves.

Eye protection : Safety glasses with side-shields.

Skin and Body Protection : Lightweight protective clothing.

Hygiene Measures : Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls

No special environmental precautions required.

S ECTION 9.Physical and chemical properties

General Information

Form	: suspension	
Appearance	: No information available	
Odour	: No information available	
Melting point/melting range	: ℃ No data available	℉ No data available
Boiling point/boiling range	: ℃ No data available	℉ No data available
Flash Point	: ℃ No data available	℉ No data available
Autoignition Temperature	: ℃ No data available	℉ No data available
Oxidising properties	: No information available	
Water Solubility	: soluble	

SECTION 10:Stability and reactivity

Stability	: Stable under normal conditions.
Materials to avoid	: No dangerous reaction known under conditions of normal use.
Hazardous decomposition products	: one under normal use.
polymerisation	: Hazardous polymerisation does not occur.

S ECTION 11:Toxicological information

Acute toxicity	: Not hazardous
Principle Routes of Exposure / Potential Health effects	
Eyes	:May cause eye irritation with susceptible persons
Skin	:May cause skin irritation in susceptible persons.
Inhalation	:May be harmful by inhalation
Ingestion.	:May be harmful if swallowed.
Carcinogenic effects	:none
Mutagenic effects	:none
Reproductive toxicity	:none
Sensitisation	:none
Target Organ Effects	:No known effects under normal use conditions

S ECTION 12:Ecological information

Ecotoxicity effects	:No information available.
Mobility	:No information available.
Biodegradation	: Inherently biodegradable.
Bioaccumulation	: Does not bioaccumulate.

SECTION 13: Disposal considerations

Dispose of in accordance with local regulations.

SECTION 14:Transport information

IATA

UN number	:None
Proper shipping name	:Not classified as dangerous in the meaning of transport regulations.
Hazard class(es)	:None
Packing group	:None
Subsidiary Class	:None

S ECTION 15:Regulatory Information

International Inventories

Complies

Korea

This product complies with applicable Korean chemical regulations.

SECTION 16: Other information

Revision date 9-July-2019

Use as laboratory reagent. Scientific research and development.

End of Safety Data Sheet