

Issue Date: 05/12/2018
Last Revision Date: 22/11/2023
Superseded Date: 05/12/2018
Version Number: 02

SAFETY DATA SHEET

Product Code: CS01-140-500

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SECTION 1 PRODUCT IDENTIFICATION

Product Name Nutrient Agar Non-Animal Origin
Recommended Use Laboratory chemicals.

SECTION 2 HAZARD IDENTIFICATION

Classification under Safe Work Australia

Classified as not hazardous according to criteria of Safe Work Australia

Physical hazards No hazards identified
Health hazards No hazards identified
Environmental hazards No hazards identified
Label Elements None required

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No
Non Hazardous Media	NA

SECTION 4 FIRST AID MEASURES

Inhalation Move to fresh air. Get medical attention immediately if symptoms occur.
Ingestion Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.
Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Self-Protection of the First Aider No special precautions required.
First Aid Facilities Eyewash, safety shower and washroom.
Most important symptoms and effects None reasonably foreseeable.
Notes to Physician Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Extinguishing media which must not be used for safety reasons No information available.

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Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors.

Special protective equipment and precautions for fire fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Emergency procedures

Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation.

Environmental Precautions

Should not be released into the environment. See Section 12 for additional ecological information.

Methods for Containment and Clean Up

Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation.

Reference to Other Sections

Refer to protective measures listed in Sections 8 and 13.

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling

Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation. Avoid dust formation.

Conditions for Safe Storage, Including any Incompatibilities

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

AS/NZS 2243.10:2004, Safety in laboratories - Storage of chemicals

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits

The product does not contain any hazardous materials with occupational exposure limits established.

Biological limit values

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

Exposure Controls

Engineering Measures

None under normal use conditions.

Personal protective equipment

Eye Protection

Safety glasses with side-shields (Australian/New Zealand Standard AS/NZS 1337 - Eye protectors for Industrial applications)

Hand Protection

Protective gloves

Glove material	Breakthrough time	Glove thickness	AUS/NZ Standard	Glove comments
Disposable gloves	See manufacturers recommendations	-	AS/NZS 2161.1	(minimum requirement)

Inspect gloves before use.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves.

(Refer to manufacturer/supplier for information)

Ensure gloves are suitable for the task: Chemical compatibility, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.

Remove gloves with care avoiding skin contamination.

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Skin and body protection	Long sleeved clothing
Respiratory Protection	Use an AS/NZS 1716 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained in line with AS/NZS 1715 on the use and maintenance of respiratory protective devices
	Recommended Filter type: Particle filter (or AUS/NZ equivalent)
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure controls	No information available.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Appearance	Varies	Vapor Pressure	No data available
Physical State	Solid	Vapor Density	Not applicable
Odor	No information available	Specific Gravity / Density	No data available
Odor Threshold	No data available	Bulk Density	No data available
pH	Not applicable	Water Solubility	No information available
Melting Point/Range	No data available	Solubility in other solvents	No information available
Softening Point	No data available	Partition Coefficient (n-octanol/water)	
Boiling Point/Range	Not applicable	Autoignition Temperature	Not applicable
Flash Point	Not applicable	Decomposition Temperature	No data available
Evaporation Rate	Not applicable	Viscosity	Not applicable
Flammability (solid,gas)	No information available	Explosive Properties	No information available
Explosion Limits	Not applicable	Oxidizing Properties	No information available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	None known, based on information available
Stability	Stable under normal conditions.
Conditions to Avoid	Incompatible products, Excess heat, Avoid dust formation.
Hazardous Decomposition Products	None under normal use conditions.
Hazardous Polymerization	Hazardous polymerization does not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Product Information (a) acute toxicity;

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Oral No data available
Dermal No data available
Inhalation No data available

Toxicology data for the components

(b) skin corrosion/irritation; No data available
(c) serious eye damage/irritation; No data available
(d) respiratory or skin sensitization;
Respiratory No data available
Skin No data available
(e) germ cell mutagenicity; No data available
(f) carcinogenicity; No data available
There are no known carcinogenic chemicals in this product
(g) reproductive toxicity; No data available
(h) STOT-single exposure; No data available
(i) STOT-repeated exposure; No data available
Target Organs None known
(j) aspiration hazard; Not applicable
Symptoms / effects, both acute and delayed No information available

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity effects Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.
Persistence and Degradability No information available
Bioaccumulative Potential No information available
Mobility No information available
Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors
Persistent Organic Pollutant This product does not contain any known or suspected substance
Ozone Depletion Potential This product does not contain any known or suspected substance

SECTION 13 DISPOSAL CONSIDERATIONS

Waste from Residues / Unused Products Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with all federal, E.P.A., state and local regulations. Assure conformity with all applicable regulations.
Contaminated Packaging Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers.

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Other Information Chemical wastes should be disposed through a licensed commercial waste collection service.

SECTION 14 TRANSPORT INFORMATION

IMDG/IMO Not regulated
ADG Not regulated
IATA Not regulated
Environmental hazards No hazards identified
Special Precautions No special precautions required
Additional information None known

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories X = listed
Standard for the Uniform Scheduling of Medicines and Poisons Not Scheduled
Prohibition or notification/licensing requirements Shown below are details of specific prohibition/notifications or licencing requirements when they apply.

SECTION 16 OTHER INFORMATION

AICS Australian Inventory of Chemical Substances
TSCA United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL Canadian Domestic Substances List/Non-Domestic Substances List
IECSC Chinese Inventory of Existing Chemical Substances
PICCS Philippines Inventory of Chemicals and Chemical Substances
TWA Time Weighted Average
IARC International Agency for Research on Cancer
ICAO/IATA International Civil Aviation Organization/International Air Transport Association
MARPOL International Convention for the Prevention of Pollution from Ships
NZS 5433:2012 Transport of Dangerous Goods on Land
LD50 Lethal Dose 50%
EC50 Effective Concentration 50%
WEL Workplace Exposure Limit
DNEL Derived No Effect Level
POW Partition coefficient Octanol:Water
vPvB very Persistent, very Bioaccumulative

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VOC	Volatile Organic Compounds
NZIoC	New Zealand Inventory of Chemicals
EINECS/ELINCS	European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS	Japanese Existing and New Chemical Substances
KECL	Korean Existing and Evaluated Chemical Substances
CAS	Chemical Abstracts Service
ACGIH	American Conference of Governmental Industrial Hygienists
PNEC	Predicted No Effect Concentration
IMO/IMDG	International Maritime Organization/International Maritime Dangerous Goods Code
ADG	Australian Code for the Transport of Dangerous Goods by Road and Rail
OECD	Organisation for Economic Co-operation and Development
LC50	Lethal Concentration 50%
ATE	Acute Toxicity Estimate
RPE	Respiratory Protective Equipment
NOEC	No Observed Effect Concentration
BCF	Bioconcentration factor
PBT	Persistent, Bioaccumulative, Toxic

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Physical hazards	On basis of test data
Health Hazards	Calculation method
Environmental hazards	Calculation method

Training Advice Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal Protective Equipment (PPE) and hygiene.

Reason for Revision To bring to date

This safety data sheet complies with the requirements of Safe Work Australia WHS Regulation

Disclaimer

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END OF SDS

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