MRS Agar

Safety Data Sheet

according to the DENR EMB MC 2015-011 and DAO 2015-09 Guidance Manual
Issue date: 11/08/2025 Revision date: 30/10/2026 Supersedes: 11/08/2025 Version: 2.0

SECTION 1: Identification

1.1. Product identifier

Trade name : MRS Agar
Name : MRS Agar
Product code NCM0190

1.2. Other means of identification

Part Number(s) : 700004601|NCM0190A|700004602|NCM0190B|700004603|NCM0190C|700004604|NCM0190D|NCM0190|400002119

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Scientific research and development,Laboratory chemicals

1.4. Supplier's details

Manufacturer
Neogen Corporation
620 Lesher Place Lansing 48912 Michigan United States of America
T 800.234.5333
sds@neogen.com - https://www.neogen.com/

1.5. Emergency telephone number

Emergency number : 24 hours:
Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international)
Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Skin corrosion/irritation, Category 2 H315
Serious eye damage/eye irritation, Category 2 H319

2.2. Label elements

Hazard pictograms (GHS PH) :



Signal word (GHS PH) : Warning
Contains : Ammonium citrate tribasic; Proprietary organic acid
Hazard statements (GHS PH) : H315 - Causes skin irritation
H319 - Causes serious eye irritation
Precautionary statements (GHS PH) : P264 - Wash hands, forearms and face thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/....
P302+P352 - IF ON SKIN: Wash with plenty of water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P332+P317 - If skin irritation occurs: Get medical help.
P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

No additional information available

SECTION 3: Composition / information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS PH classification
Dextrose, anhydrous	CAS-No.: 50-99-7	≥ 25 – < 50	Not classified
Agar, powdered	CAS-No.: 9002-18-0	≥ 15 – < 25	Not classified
Meat extracts, beef	CAS-No.: 68990-09-0	≥ 10 – < 15	Not classified
Peptones, casein	CAS-No.: 91079-40-2	≥ 10 – < 15	Not classified
Sodium acetate	CAS-No.: 127-09-3	≥ 5 – < 10	Not classified
Yeast extract	CAS-No.: 8013-01-2	≥ 5 – < 10	Not classified
Potassium phosphate dibasic anhydrous	CAS-No.: 7758-11-4	≥ 1 – < 5	Not classified
Ammonium citrate tribasic	CAS-No.: 3458-72-8	≥ 1 – < 5	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
Proprietary organic acid	-	≥ 1 – < 5	Skin Corr. 1, H314 Eye Dam. 1, H318 STOT SE 3, H335
Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs.	CAS-No.: 9005-65-6	≥ 1 – < 5	Not classified
Magnesium sulfate heptahydrate	CAS-No.: 10034-99-8	≥ 0.1 – < 0.5	Not classified
Manganese sulfate	CAS-No.: 7785-87-7	< 0.1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 STOT RE 2, H373 Aquatic Chronic 2, H411

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

Self protection of the first-aider : First-aiders should pay attention to their own protection and use the recommended personal protective equipment (see section 8).

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : None under normal conditions. Dust of the product, if present, may cause respiratory irritation after excessive inhalation exposure.

Symptoms/effects after skin contact : Irritation.

Symptoms/effects after eye contact : Eye irritation.

Symptoms/effects after ingestion : None under normal conditions.

4.3. Indication of any immediate medical attention and special treatment needed

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : No fire hazard.
Explosion hazard : No direct explosion hazard.
Reactivity : The product is non-reactive under normal conditions of use, storage and transport.
General measures : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

5.3. Special protective actions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Evacuate unnecessary personnel.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Using a clean shovel, put the material in a dry container and cover without compressing it.
Methods for cleaning up : Mechanically recover the product.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.
Storage conditions : Keep cool. Protect from sunlight.
Storage temperature : 2 – 30 °C
Packaging materials : Always store product in container of same material as original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

Exposure limit values for the other components

No additional information available

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Personal protective equipment

Personal protective equipment:
Wear recommended personal protective equipment.

Hand protection:
Protective gloves

Eye protection:
Safety glasses

Skin and body protection:
Wear suitable protective clothing

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

Personal protective equipment symbol(s):



Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid
Appearance : Powder.

Colour : Beige
Odour : Characteristic

Odour threshold : No data available
pH : 5.6 – 5.8
Relative evaporation rate (butylacetate=1) : No data available
Melting point : No data available
Freezing point : Not applicable
Boiling point : No data available

Flash point	:	Not applicable
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	No data available
Flammability	:	Non flammable
Vapour pressure	:	No data available
Relative vapour density at 20°C	:	No data available
Relative density	:	No data available
Solubility	:	Soluble in water.
Partition coefficient n-octanol/water (Log Kow)	:	No data available
Viscosity, kinematic	:	Not applicable
Explosive limits	:	Not applicable
Lower explosive limit (LEL)	:	No data available
Upper explosive limit (UEL)	:	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

Reactivity	:	The product is non-reactive under normal conditions of use, storage and transport
Chemical stability	:	Stable under normal conditions
Possibility of hazardous reactions	:	No dangerous reactions known under normal conditions of use
Conditions to avoid	:	None under recommended storage and handling conditions (see section 7)
Incompatible materials	:	No additional information available
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced

SECTION 11: Toxicological information

11.1. Acute toxicity

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified

Dextrose, anhydrous (50-99-7)	
LD50 oral rat	25800 mg/kg (Rat, Literature study, Oral)

Agar, powdered (9002-18-0)	
LD50 oral rat	11000 mg/kg (Rat, Oral)

Peptones, casein (91079-40-2)	
LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method)

Sodium acetate (127-09-3)	
LD50 oral rat	3250 mg/kg bodyweight (Rat, Male, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 20000 mg/kg bodyweight (Equivalent or similar to OECD 402, Rabbit, Female, Experimental value, Dermal)
LC50 Inhalation - Rat	> 5.6 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Female, Experimental value, Inhalation (aerosol), 14 day(s))

Potassium phosphate dibasic anhydrous (7758-11-4)	
LD50 oral rat	> 2000 mg/kg bodyweight (OECD 420: Acute Oral toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))

Ammonium citrate tribasic (3458-72-8)	
LD50 oral rat	2000 – 5000 mg/kg

Proprietary organic acid	
LD50 oral rat	5400 mg/kg Mouse, male and female; Test substance: Citric acid (OECD Test Guideline 401)
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Anhydrous form, Dermal, 14 day(s))

Magnesium sulfate heptahydrate (10034-99-8)	
LD50 oral rat	> 4000 mg/kg (Rat, Oral)

Manganese sulfate (7785-87-7)	
LD50 oral rat	2150 mg/kg (Rat, Male / female, Experimental value, Oral)
LD50 oral	782 mg/kg
LC50 Inhalation - Rat	> 4.45 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (dust))
LC50 Inhalation - Rat (Dust/Mist)	> 4.45 mg/l Source: ECHA

Skin corrosion/irritation : Causes skin irritation.
pH: 5.6 – 5.8

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Sodium acetate (127-09-3)	
NOAEL (animal/female, F1)	≥ 2500 mg/kg bodyweight Animal: rat, Animal sex: female

STOT - single exposure : Not classified

Ammonium citrate tribasic (3458-72-8)	
STOT - single exposure	May cause respiratory irritation.

Proprietary organic acid	
STOT - single exposure	May cause respiratory irritation.

STOT - repeated exposure : Not classified

Peptones, casein (91079-40-2)	
NOAEL (oral, rat, 90 days)	> 1000 mg/kg bodyweight Animal: rat, Guideline: other:

Potassium phosphate dibasic anhydrous (7758-11-4)	
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Manganese sulfate (7785-87-7)	
STOT - repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

MRS Agar	
Viscosity, kinematic	Not applicable

SECTION 12: Ecological information

12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Not classified.

Dextrose, anhydrous (50-99-7)	
LC50 - Fish [1]	11300000 mg/l Source: Ecological Structure Activity Relationships
EC50 96h - Algae [1]	3880000 mg/l Source: Ecological Structure Activity Relationships
Partition coefficient n-octanol/water (Log Pow)	-3.24 (Experimental value)

Sodium acetate (127-09-3)	
LC50 - Fish [1]	> 100 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	> 919 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
EC50 72h - Algae [1]	> 1000 mg/l Test organisms (species): Skeletonema costatum
EC50 96h - Algae [1]	4700000 mg/l Source: ECOSAR
ErC50 algae	> 1000 mg/l (ISO 10253, 72 h, Skeletonema costatum, Salt water, Experimental value, Nominal concentration)
Partition coefficient n-octanol/water (Log Pow)	-3.7 (Calculated, KOWWIN)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0 (log Koc, SRC PCKOCWIN v1.66, Calculated value)

Yeast extract (8013-01-2)	
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna

Potassium phosphate dibasic anhydrous (7758-11-4)	
LC50 - Fish [1]	> 900 mg/l (48 h, Leuciscus idus, Static system)
LC50 - Fish [2]	> 100 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Read-across, Nominal concentration)
EC50 - Crustacea [1]	> 100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Read-across, Nominal concentration)
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
ErC50 algae	> 100 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Read-across, Nominal concentration)

Ammonium citrate tribasic (3458-72-8)	
LC50 - Fish [1]	94000 mg/l Source: EPISUITE
EC50 96h - Algae [1]	7059.161 mg/l Source: EPISUITE
Partition coefficient n-octanol/water (Log Pow)	-1.43 Source: EPISUITE

Proprietary organic acid	
LC50 - Fish [1]	440 – 760 mg/l (Leuciscus idus melanotus, mortality; 48 h) (static test; OECD Test Guideline 203)
EC50 - Crustacea [1]	1535 mg/l (24 h, Daphnia magna, Static system, Fresh water, Experimental value, Anhydrous form)

Proprietary organic acid	
EC50 96h - Algae [1]	1690000 mg/l Source: Ecological Structure Activity Relationships
Partition coefficient n-octanol/water (Log Pow)	-1.6 (Anhydrous form, Experimental value)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs. (9005-65-6)	
LC50 - Fish [1]	817.89 mg/l Source: ECOSAR
EC50 96h - Algae [1]	62.072 mg/l Source: ECOSAR

Magnesium sulfate heptahydrate (10034-99-8)	
LC50 - Fish [1]	15500 mg/l (96 h, Gambusia affinis, Anhydrous form)
EC50 - Crustacea [1]	1700 mg/l (24 h, Daphnia magna, Anhydrous form)
EC50 72h - Algae [1]	2700 mg/l (Scenedesmus subspicatus, Anhydrous form)

Manganese sulfate (7785-87-7)	
LC50 - Fish [1]	3.17 mg/l (96 h, Oncorhynchus mykiss, Flow-through system, Fresh water, Weight of evidence, Manganese ion)
LC50 - Other aquatic organisms [1]	3 mg/l Source: ECHA
EC50 - Crustacea [1]	22.8 mg/l
EC50 72h - Algae [1]	61 mg/l (OECD 201: Alga, Growth Inhibition Test, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Growth rate)
ErC50 algae	70.6 mg/l

12.2. Persistence and degredability

MRS Agar	
Persistence and degradability	Not rapidly degradable

Dextrose, anhydrous (50-99-7)	
Persistence and degradability	Readily biodegradable in water.
ThOD	1.07 g O_2/g substance

Agar, powdered (9002-18-0)	
Persistence and degradability	Biodegradability in water: no data available.

Meat extracts, beef (68990-09-0)	
Persistence and degradability	Not rapidly degradable

Peptones, casein (91079-40-2)	
Persistence and degradability	Not rapidly degradable

Sodium acetate (127-09-3)	
Persistence and degradability	Readily biodegradable in water.
Chemical oxygen demand (COD)	0.675 g O_2/g substance

Yeast extract (8013-01-2)	
Persistence and degradability	Not rapidly degradable

Potassium phosphate dibasic anhydrous (7758-11-4)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)

Potassium phosphate dibasic anhydrous (7758-11-4)	
ThOD	Not applicable (inorganic)

Ammonium citrate tribasic (3458-72-8)	
Persistence and degradability	Not rapidly degradable

Proprietary organic acid	
Persistence and degradability	Biodegradable in the soil, Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.481 g O_2/g substance (Anhydrous form)
Biodegradation	97 % Related to: CO2 formation (% of the theoretical value).; Exposure Time: 28 d)(OECD Test Guideline 301B)

Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs. (9005-65-6)	
Persistence and degradability	Biodegradability in water: no data available.

Magnesium sulfate heptahydrate (10034-99-8)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

Manganese sulfate (7785-87-7)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

12.3. Bioaccumulative potential

MRS Agar	
Bioaccumulative potential	No additional information available

Dextrose, anhydrous (50-99-7)	
Partition coefficient n-octanol/water (Log Pow)	-3.24 (Experimental value)
Bioaccumulative potential	Not bioaccumulative.

Agar, powdered (9002-18-0)	
Bioaccumulative potential	No bioaccumulation data available.

Sodium acetate (127-09-3)	
Partition coefficient n-octanol/water (Log Pow)	-3.7 (Calculated, KOWWIN)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0 (log Koc, SRC PCKOCWIN v1.66, Calculated value)
Bioaccumulative potential	Not bioaccumulative.

Potassium phosphate dibasic anhydrous (7758-11-4)	
Bioaccumulative potential	Not bioaccumulative.

Ammonium citrate tribasic (3458-72-8)	
Partition coefficient n-octanol/water (Log Pow)	-1.43 Source: EPISUITE

Proprietary organic acid	
Partition coefficient n-octanol/water (Log Pow)	-1.6 (Anhydrous form, Experimental value)

Proprietary organic acid	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Bioaccumulative potential	Not bioaccumulative.

Sorbitan, mono-(9Z)-9-octadecenoate, poly(oxy-1,2-ethanediyl) derivs. (9005-65-6)	
Bioaccumulative potential	No bioaccumulation data available.

Magnesium sulfate heptahydrate (10034-99-8)	
Bioaccumulative potential	No bioaccumulation data available.

Manganese sulfate (7785-87-7)	
Bioaccumulative potential	No bioaccumulation data available.

12.4. Mobility in soil

MRS Agar	
Mobility in soil	No additional information available

Dextrose, anhydrous (50-99-7)	
Partition coefficient n-octanol/water (Log Pow)	-3.24 (Experimental value)

Agar, powdered (9002-18-0)	
Ecology - soil	No (test)data on mobility of the substance available.

Sodium acetate (127-09-3)	
Surface tension	No data available (test not performed)
Partition coefficient n-octanol/water (Log Pow)	-3.7 (Calculated, KOWWIN)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0 (log Koc, SRC PCKOCWIN v1.66, Calculated value)
Ecology - soil	Highly mobile in soil.

Potassium phosphate dibasic anhydrous (7758-11-4)	
Surface tension	No data available in the literature
Ecology - soil	No (test)data on mobility of the substance available.

Ammonium citrate tribasic (3458-72-8)	
Partition coefficient n-octanol/water (Log Pow)	-1.43 Source: EPISUITE

Proprietary organic acid	
Surface tension	No data available in the literature
Partition coefficient n-octanol/water (Log Pow)	-1.6 (Anhydrous form, Experimental value)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Highly mobile in soil.

Manganese sulfate (7785-87-7)	
Ecology - soil	No (test)data on mobility of the substance available.

12.5. Other adverse affects

Ozone : Not classified
Other adverse effects : No additional information available

SECTION 13: Disposal consideration

Ecological waste information	:	The waste of the product should be considered as hazardous as the product itself, with the likelihood of impacting the environment in the same way. Consider the handling and disposal of the waste as defined by the product itself.
Sewage disposal recommendations	:	Disposal must be done according to official regulations.
Waste treatment methods	:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	:	Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations.
Additional information	:	Do not re-use empty containers.

SECTION 14: Transport information

In accordance with IMDG / IATA / UN RTDG

IMDG	IATA	UNRTDG
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated
No supplementary information available		

14.6. Special precautions for user

UN RTDG
Not regulated

IMDG
Not regulated

IATA
Not regulated

14.7. Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

Priority Chemical List (PCL) and Chemical Control Orders (CCO)		
Initial List of Single Substances and Compounds Covered under Chemical Control Order (CCO) and Priority Chemical List (PCL) DENR Administrative Order 2015-09	Not applicable	
Priority Chemical List DENR Administrative Order 2005-27	Not applicable	
Chemical Control Orders	Not applicable	

Priority Chemical List (PCL) and Chemical Control Orders (CCO)		
Chemical Control Order for Ozone Depleting Substances	Not applicable	

Others		
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Applicable	D-Glucose (50-99-7) AGAR (9002-18-0) EXTRACT, MEAT, BEEF (68990-09-0) PEPTONE BACTERIOLOGICAL OXOID (91079-40-2) ACETATE, SODIUM (127-09-3) EXTRACT, YEAST (8013-01-2) DIPOTASSIUM HYDROGEN PHOSPHATE (7758-11-4) Proprietary organic acid POLYETHYLENE GLYCOL SORBITAN MONOOLEATE (9005-65-6) MAGNESIUM SULFATE HEPTAHYDRATE (10034-99-8) Magnesium sulfate dried, extra pure (7785-87-7)
Controlled Chemical for Manufacture of Explosives or Explosives Ingredients (Decree No. 1866)	Not applicable	
Comprehensive Dangerous Drugs Act of 2002	Not applicable	
Fertilizers and Pesticides Regulation (Decree No. 1144)	Not applicable	
Food Additives Regulation	Additives approved only for use as food processing	Agar, powdered (9002-18-0) Sodium acetate (127-09-3) TRIAMMONIUM CITRATE (3458-72-8)
	Enzymes permitted for use in food	Potassium phosphate, dibasic (7758-11-4) Manganese sulphate (7785-87-7)
Management of Hazardous Waste (Republic Act No. 6969)	Not applicable	
Philippines Clean Air Act	Not applicable	
High Volume Chemicals List	Applicable	Dipotassium phosphate Anhyd. (7758-11-4)

15.2. International regulations

No additional information available

SECTION 16: Other information

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Safety Data Sheet (SDS), Philippines

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.