



Kit SDS Cover Sheet

Product Name:

Item No(s):

This is a test kit that is comprised of several individual components, listed below, each of which may have its own Safety Data Sheet (SDS). If a component does not have a Safety Data Sheet included, the item is an article which does not contain any substances of very high concern included on the Candidate List for inclusion in Annex XIV of the Regulation (EC) No 2020/878 of the European Parliament and of the Council concerning Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH), Article 33, and does not require a Safety Data Sheet.

Kit Components:

For product information, please contact your Neogen Corporation Representative.

For further information regarding this SDS, please contact [SDS@neogen.com](mailto:SDS@neogen.com).

Version Date:

620 Leshar Pl | Lansing, MI | 48912  
(517) 372-9200 | [www.neogen.com](http://www.neogen.com)

Revision:

Replaces:

# SAFETY DATA SHEET

according to Regulation (EU) 2020/878

Page 1/8

## Revive Medium

Revision 5  
Revision date 2024-03-21

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name	Revive Medium
Product code	9022, 9705, 9708, 400000559, 700002794, 700002797

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC21] Laboratory chemicals; [PROC15] Use as laboratory reagent;
Description	Intended for use in routine analytics, including quality control and monitoring. Do not use components from one kit with any other kit.

#### 1.3. Details of the supplier of the safety data sheet

Company	Neogen Corporation
Address	620 Leshler Place Lansing MI 48912 USA
Web	www.neogen.com
Telephone	517-372-9200/800-234-5333
Email	SDS@neogen.com

#### 1.4. Emergency telephone number


	24 hours: Medical: 1-651-523-0318 (international) Spill/CHEMTREC: 1-703-527-3887 (international)
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Resp. Sens. 1: H334;
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#### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P284 - In case of inadequate ventilation, wear respiratory protection.
Precautionary Statement: Response	P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor/ .

## Revive Medium

Revision 5  
Revision date 2024-03-21

## 2.2. Label elements

<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to an approved waste disposal facility in accordance with local and national regulations.
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## 2.3. Other hazards

<b>Other hazards</b>	Contains material(s) which may be harmful if swallowed. Dust may be irritating if inhaled.
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## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH No.	Conc. (%w/w)	Classification
Sodium Thioglycolate		367-51-1	206-696-4		0 - 0.5%	Met. Corr. 1: H290; Acute Tox. 4: H302+H312; Resp. Sens. 1: H334;

## Description

	Concentrations listed are not product specifications.
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## Particle Characteristics

	No data available.
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## Further information

	Full text of Hazard Statements listed in this Section is provided in Section 16.
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## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Do not induce vomiting unless told to do so by the poison control center or doctor. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

<b>Inhalation</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause irritation to respiratory system.
<b>Eye contact</b>	May cause irritation to eyes.
<b>Skin contact</b>	May cause irritation to skin.
<b>Ingestion</b>	Ingestion may cause nausea and vomiting.

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

	Remove the affected person from the source of contamination immediately. Transfer to hospital if there are burns or symptoms of poisoning. Seek medical attention if irritation or symptoms persist. If medical advice is needed, have product container or label at hand.
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## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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# Revive Medium

Revision 5  
Revision date 2024-03-21

## 5.2. Special hazards arising from the substance or mixture

Avoid formation of dust. Do not allow undiluted product to be released to ground water, water course or sewage system.

## 5.3. Advice for firefighters

Do not breathe dust or vapour. Wear self-contained breathing apparatus and chemical-protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid formation of dust. Use as appropriate: Protective equipment, Protective clothing. Ensure adequate ventilation of the working area. Avoid prolonged or repeated exposure.

### 6.2. Environmental precautions

Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. Do not flush into surface water. Do not let product contaminate subsoil.

### 6.3. Methods and material for containment and cleaning up

Avoid formation of dust. Clean spillage area thoroughly with plenty of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

### 6.4. Reference to other sections

See Section(s) 2, 8, and 13 for further information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes. Do not eat, drink or smoke in areas where this product is used or stored. Ensure adequate ventilation of the working area. Do not contaminate water by cleaning of equipment or disposal of wastes. Use as appropriate: Protective clothing.  
Read the entire label and follow all use directions, restrictions, and precautions.

### 7.2. Conditions for safe storage, including any incompatibilities

Store at temperatures between 2 °C and 30 °C. Follow label instructions.  
Store in correctly labelled containers. Keep container tightly closed. Protect from moisture. Do not contaminate water, food, or feed by storage or disposal.

### 7.3. Specific end use(s)

See Section(s) 1.2 for further information.

### Further information

Refer to product label and/or package insert for additional information.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No occupational exposure limits known.

### 8.2. Exposure controls



#### 8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

## Revive Medium

Revision 5  
Revision date 2024-03-21

## 8.2. Exposure controls

<b>8.2.2. Individual protection measures</b>	Use as appropriate: Protective equipment.
<b>Eye / face protection</b>	Use as appropriate: Suitable eye protection.
<b>Skin protection - Handprotection</b>	Use as appropriate: Chemical-resistant gloves made of any waterproof material. Wash the outside of gloves before removing them.
<b>Skin protection - Other</b>	Use as appropriate: Protective clothing. Wash contaminated clothing, separately from other laundry, with detergent and water before reuse.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment. Dust may be irritating if inhaled.
<b>Occupational exposure controls</b>	Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Protect clothing from contact with the product. Provide chemical shower. Provide eye wash station.

## Further information

	Refer to product label for additional PPE requirements and recommendations. Follow label instructions.
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## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Powder
<b>Colour</b>	Beige
<b>Odour</b>	Characteristic
<b>Flammability (solid, gas)</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Relative Vapour Density</b>	No data available
<b>Density / Relative Density</b>	No data available
<b>Fat Solubility</b>	No data available
<b>Partition coefficient (P)</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	Not applicable.
<b>Explosive properties</b>	No data available
<b>Oxidising properties</b>	No data available
<b>Odour threshold</b>	No data available
<b>pH</b>	6.9 - 7.3
<b>Melting point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Initial boiling point</b>	No data available
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Solubility</b>	Soluble in water

## 9.2. Other information

<b>Conductivity</b>	No data available
<b>Surface tension</b>	Not applicable.
<b>Gas group</b>	No data available
<b>Benzene Content</b>	No data available
<b>Lead content</b>	No data available
<b>VOC (Volatile organic compounds)</b>	No data available

## SECTION 10: Stability and reactivity

## Revive Medium

Revision 5  
Revision date 2024-03-21

## 10.1. Reactivity

Stable under normal conditions.

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

## 10.4. Conditions to avoid

Keep away from extreme temperatures. Protect from moisture.

## 10.5. Incompatible materials

No data available.

## 10.6. Hazardous decomposition products

Carbon oxides.

## SECTION 11: Toxicological information

## 11.1 Information on hazard classes

Acute toxicity	Based on available data, the classification criteria are not met. However, this product does contain substance(s) that are classified as hazardous. For more information, see Section 3.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	May cause allergic reactions in susceptible people. May cause sensitisation by inhalation.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No components at >0,01% are listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values. No components at >0.01% are listed in the International Agency for Research on Cancer (IARC) Monographs. No components at >0,01% are listed in the National Toxicology Program (NTP) Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No teratogenic effects reported.
STOT-single exposure	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
STOT-repeated exposure	No Significant Hazard.
Aspiration hazard	No Significant Hazard.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible.

## 11.1.2. Mixtures

See Section(s) 3 for further information.

## 11.1.3. Hazard Information

See Section(s) 2 and 3 for further information.

## 11.1.4. Toxicological Information

No data available

## 11.1.5. Hazard Class

See Section(s) 2 and 14 for further information.

## 11.1.6. Classification Criteria

# Revive Medium

Revision 5  
Revision date 2024-03-21

## 11.1.6. Classification Criteria

Based on the Globally Harmonised System (GHS) considerations for the classification of mixtures. See Section 15 for regulatory citations.

## 11.1.7. Information on likely routes of exposure

Eye contact. Skin contact. Inhalation. Ingestion.

## 11.1.8. Symptoms related to the physical, chemical and toxicological characteristics

See Section(s) 4.2 for further information.

## 11.1.9. Delayed and immediate effects as well as chronic effects from short and long-term exposure

See Section(s) 4.2 for further information.

## 11.1.10. Interactive effects

No data available.

## 11.1.11. Absence of specific data

<1% of this mixture consists of ingredients of unknown acute toxicity.

## 11.1.12. Mixture versus substance information

See Section(s) 3 for further information.

## 11.1.13. Other information

No data available.

## 11.2 Information on other hazards

No data available.

## SECTION 12: Ecological information

### 12.1. Toxicity

No data available

### 12.2. Persistence and degradability

No data is available on this product.

### 12.3. Bioaccumulative potential

No data is available on this product.

### 12.4. Mobility in soil

No data is available on this product.

### 12.5. Results of PBT and vPvB assessment

No data is available on this product.

### 12.6 Endocrine disrupting properties

No data is available on this product.

### 12.7 Other adverse effects

Specific test data for the substance or mixture is not available.

### Further information

Keep out of lakes, ponds, or streams.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations. Follow label instructions.

### Disposal methods

# Revive Medium

Revision 5  
Revision date 2024-03-21

## Disposal methods

Do not contaminate water by cleaning of equipment or disposal of wastes. Do not flush into surface water. Dispose of in compliance with all local and national regulations.

## Disposal of packaging

Nonrefillable container. Do not reuse or refill this container.  
If empty: Do not reuse this container. Place in trash or offer for recycling, if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

## Further information

Refer to product label and/or package insert for additional information. Follow label instructions.

## SECTION 14: Transport information

### 14.1. UN number

The product is not classified as dangerous for carriage.

### 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

### 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

### 14.4. Packing group

The product is not classified as dangerous for carriage.

### 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

### 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

### 14.7 Maritime Transport in bulk according to IMO instruments

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

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

<b>Regulations</b>	COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1272/2008 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
<b>Chemical Inventories/Right-to-Know Lists:</b>	Contact SDS@neogen.com for additional information. Please specify country or region with your request.  California Proposition 65: This product does not contain reportable substances at >0,0001% concentration.

## SECTION 16: Other information

### Other information

<b>Revision</b>	This document differs from the previous version in the following areas: <ul style="list-style-type: none"> <li>1 - Description.</li> <li>1 - Product Use.</li> <li>2 - Other hazards.</li> <li>2 - 2.1.2. Classification - EC 1272/2008.</li> <li>2 - Hazard pictograms.</li> <li>2 - Signal Word.</li> </ul>
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## Revive Medium

Revision 5  
Revision date 2024-03-21

## Other information

	<p>2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Disposal. 4 - Inhalation. 7 - 7.2. Conditions for safe storage, including any incompatibilities. 9 - 9.1. Information on basic physical and chemical properties (Odour). 9 - 9.1. Information on basic physical and chemical properties (Flammability (solid, gas)). 9 - 9.1. Information on basic physical and chemical properties (Fat Solubility). 9 - 9.2. Other information (Gas group). 11 - Respiratory or skin sensitisation. 12 - 12.1. Toxicity.</p>
<b>Acronyms</b>	<p>ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR). CAS No.: Chemical Abstracts Service. CLASS: Classification, Labelling, and Safety Data Sheet of Hazardous Chemicals Regulation 2013 (Malaysia). FIFRA: U.S. Federal Insecticide, Fungicide, and Rodenticide Act. GHS: Globally Harmonized System. HCS 2012: U.S. Hazard Communication Standard (2012 revision). IATA: International Air Transport Association. ICAO: International Civil Aviation Organisation. IMDG: International Maritime Dangerous Goods. LD: Lethal dose. OEL: Occupational exposure limit. OSHA: U.S. Occupational Safety and Health Administration. PEL: Permissible Exposure Limit. REACH: Registration, Evaluation, Authorisation, and Restriction of Chemicals. STOT: Specific Target Organ Toxicity. SVHC: Substance of very high concern. US DOT: United States Department of Transportation. VOC: Volatile Organic Compound. WEL: Workplace Exposure Limit.</p>
<b>Text of Hazard Statements in Section 3</b>	<p>Met. Corr. 1: H290 - May be corrosive to metals. Acute Tox. 4: H302+H312 - Harmful if swallowed or in contact with skin Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.</p>

## Further information

	<p>DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.</p> <p>Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS PRODUCT are made with respect to this product or use of this product. The product covered is furnished "as is" and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.</p>
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# SAFETY DATA SHEET

according to Regulation (EU) 2020/878

Page 1/8

## Rappaport-Vassiliadis Broth

Revision 6  
Revision date 2023-08-22

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name	Rappaport-Vassiliadis Broth
Product code	9237, 9715, 9716, 9729, 22015, 400000059, 400000633, 700002799, 700002800, 700002804

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC21] Laboratory chemicals;
Description	Intended for use in routine analytics, including quality control and monitoring. Do not use components from one kit with any other kit.

#### 1.3. Details of the supplier of the safety data sheet

Company	Neogen Corporation
Address	620 Leshler Place Lansing MI 48912 USA
Web	www.neogen.com
Telephone	517-372-9200/800-234-5333
Email	SDS@neogen.com

#### 1.4. Emergency telephone number


24 hours:  
Medical: 1-651-523-0318 (international)  
Spill/CHEMTREC: 1-703-527-3887 (international)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Repr. 2: H361;
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#### 2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Repr. 2: H361 - Suspected of damaging fertility or the unborn child .
Precautionary Statement: Prevention	P202 - Do not handle until all safety precautions have been read and understood. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P308+P313 - IF exposed or concerned: Get medical advice/attention.

## Rappaport-Vassiliadis Broth

Revision 6  
Revision date 2023-08-22

## 2.2. Label elements

<b>Precautionary Statement:</b> Disposal	P501 - Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations
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## 2.3. Other hazards

<b>Other hazards</b>	Contains material(s) which may be harmful if swallowed. May form combustible dust/air mixture. Dust may be irritating if inhaled.
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## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH No.	Conc. (%w/w)	Classification
malachite green oxalate	602-096-00-5	2437-29-8	219-441-7		0 - 0.5%	Repr. 2: H361d; Acute Tox. 4: H302; Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

## Description

	Concentrations listed are not product specifications.
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## Particle Characteristics

	No data available.
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## Further information

	Full text of Hazard Statements listed in this Section is provided in Section 16.
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## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Do not induce vomiting unless told to do so by the poison control center or doctor. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

<b>Inhalation</b>	May cause irritation to respiratory system.
<b>Eye contact</b>	May cause irritation to eyes.
<b>Skin contact</b>	May cause irritation to skin.
<b>Ingestion</b>	May damage fertility or the unborn child . Ingestion may cause nausea and vomiting.

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

	Remove the affected person from the source of contamination immediately. Transfer to hospital if there are burns or symptoms of poisoning. Seek medical attention if irritation or symptoms persist. If medical advice is needed, have product container or label at hand.
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## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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# Rappaport-Vassiliadis Broth

Revision 6  
Revision date 2023-08-22

## 5.2. Special hazards arising from the substance or mixture

May form combustible dust/air mixture. Avoid formation of dust. Do not allow undiluted product to be released to ground water, water course or sewage system.

## 5.3. Advice for firefighters

Do not breathe dust or vapour. Wear self-contained breathing apparatus and chemical-protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid formation of dust. Use as appropriate: Protective equipment, Protective clothing. Ensure adequate ventilation of the working area. Avoid prolonged or repeated exposure.

### 6.2. Environmental precautions

Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. Do not flush into surface water. Do not let product contaminate subsoil.

### 6.3. Methods and material for containment and cleaning up

Avoid formation of dust. Clean spillage area thoroughly with plenty of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

### 6.4. Reference to other sections

See Section(s) 2, 8, and 13 for further information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes. Do not eat, drink or smoke in areas where this product is used or stored. Ensure adequate ventilation of the working area. Do not contaminate water by cleaning of equipment or disposal of wastes. Use as appropriate: Protective clothing.  
Read the entire label and follow all use directions, restrictions, and precautions.

### 7.2. Conditions for safe storage, including any incompatibilities

Store at temperatures between 2 °C and 30 °C.  
Store in correctly labelled containers. Keep container tightly closed. Protect from moisture. Do not contaminate water, food, or feed by storage or disposal. Follow label instructions.

### 7.3. Specific end use(s)

See Section(s) 1.2 for further information.

### Further information

Refer to product label and/or package insert for additional information.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No occupational exposure limits known.

### 8.2. Exposure controls



#### 8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

## Rappaport-Vassiliadis Broth

Revision 6  
Revision date 2023-08-22

## 8.2. Exposure controls

<b>8.2.2. Individual protection measures</b>	Use as appropriate: Protective equipment.
<b>Eye / face protection</b>	Use as appropriate: Suitable eye protection.
<b>Skin protection - Handprotection</b>	Use as appropriate: Chemical-resistant gloves made of any waterproof material. Wash the outside of gloves before removing them.
<b>Skin protection - Other</b>	Use as appropriate: Protective clothing. Wash contaminated clothing, separately from other laundry, with detergent and water before reuse.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment. Dust may be irritating if inhaled.
<b>Occupational exposure controls</b>	Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Protect clothing from contact with the product. Provide chemical shower. Provide eye wash station.

## Further information

	Refer to product label for additional PPE requirements and recommendations. Follow label instructions.
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## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Powder
<b>Colour</b>	Grey/Light blue
<b>Odour</b>	Mild
<b>Odour threshold</b>	No data available
<b>pH</b>	4.7 - 5.1
<b>Melting point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Initial boiling point</b>	Not applicable.
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Relative Vapour Density</b>	No data available
<b>Density / Relative Density</b>	No data available
<b>Partition coefficient (P)</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	Not applicable.
<b>Explosive properties</b>	No data available
<b>Oxidising properties</b>	No data available
<b>Solubility</b>	Soluble in water

## 9.2. Other information

<b>Conductivity</b>	No data available
<b>Surface tension</b>	Not applicable.
<b>Gas group</b>	Not applicable.
<b>Benzene Content</b>	No data available
<b>Lead content</b>	No data available
<b>VOC (Volatile organic compounds)</b>	No data available

## SECTION 10: Stability and reactivity

# Rappaport-Vassiliadis Broth

Revision 6  
Revision date 2023-08-22

## 10.1. Reactivity

Stable under normal conditions.

## 10.2. Chemical stability

Stable under normal conditions.

## 10.3. Possibility of hazardous reactions

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

## 10.4. Conditions to avoid

Avoid formation of dust. Avoid sparks, flames, heat and sources of ignition. Protect from moisture.

## 10.5. Incompatible materials

Combustible materials.

## 10.6. Hazardous decomposition products

Carbon oxides.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes

<b>Acute toxicity</b>	Based on available data, the classification criteria are not met. However, this product does contain substance(s) that are classified as hazardous. For more information, see Section 3.
<b>Skin corrosion/irritation</b>	May cause irritation to skin.
<b>Serious eye damage/irritation</b>	May cause irritation to eyes.
<b>Respiratory or skin sensitisation</b>	May cause allergic reactions in susceptible people.
<b>Germ cell mutagenicity</b>	No mutagenic effects reported.
<b>Carcinogenicity</b>	No components at >0,01% are listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values. No components at >0.01% are listed in the International Agency for Research on Cancer (IARC) Monographs. No components at >0,01% are listed in the National Toxicology Program (NTP) Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens.
<b>Reproductive toxicity</b>	Toxic for reproduction category 2. May damage fertility or the unborn child .
<b>STOT-single exposure</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
<b>STOT-repeated exposure</b>	No Significant Hazard.
<b>Aspiration hazard</b>	No Significant Hazard.
<b>Repeated or prolonged exposure</b>	Avoid prolonged or repeated exposure. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible.

### 11.1.2. Mixtures

See Section(s) 3 for further information.

### 11.1.3. Hazard Information

See Section(s) 2 and 3 for further information.

### 11.1.4. Toxicological Information

No data available

### 11.1.5. Hazard Class

See Section(s) 2 and 14 for further information.

# Rappaport-Vassiliadis Broth

Revision 6  
Revision date 2023-08-22

## 11.1.6. Classification Criteria

Based on the Globally Harmonised System (GHS) considerations for the classification of mixtures. See Section 15 for regulatory citations.

## 11.1.7. Information on likely routes of exposure

Eye contact. Skin contact. Inhalation. Ingestion.

## 11.1.8. Symptoms related to the physical, chemical and toxicological characteristics

See Section(s) 4.2 for further information.

## 11.1.9. Delayed and immediate effects as well as chronic effects from short and long-term exposure

See Section(s) 4.2 for further information.

## 11.1.10. Interactive effects

No data available.

## 11.1.11. Absence of specific data

<1% of this mixture consists of ingredients of unknown acute toxicity.

## 11.1.12. Mixture versus substance information

See Section(s) 3 for further information.

## 11.1.13. Other information

No data available.

## SECTION 12: Ecological information

### 12.1. Toxicity

No data available

### 12.2. Persistence and degradability

No data is available on this product.

### 12.3. Bioaccumulative potential

No data is available on this product.

### 12.4. Mobility in soil

No data is available on this product.

### 12.5. Results of PBT and vPvB assessment

No data is available on this product.

### 12.7 Other adverse effects

Specific test data for the substance or mixture is not available.

### Further information

Keep out of lakes, ponds, or streams.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Dispose of as special waste in compliance with local and national regulations. Follow label instructions.

### Disposal methods

Do not contaminate water by cleaning of equipment or disposal of wastes. Do not flush into surface water. Dispose of in compliance with all local and national regulations.

### Disposal of packaging

## Rappaport-Vassiliadis Broth

Revision 6  
Revision date 2023-08-22

## Disposal of packaging

	Nonrefillable container. Do not reuse or refill this container. If empty: Do not reuse this container. Place in trash or offer for recycling, if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## Further information

	Refer to product label and/or package insert for additional information. Follow label instructions.
--	-----------------------------------------------------------------------------------------------------

## SECTION 14: Transport information

## 14.1. UN number

	The product is not classified as dangerous for carriage.
--	----------------------------------------------------------

## 14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
--	----------------------------------------------------------

## 14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
--	----------------------------------------------------------

## 14.4. Packing group

	The product is not classified as dangerous for carriage.
--	----------------------------------------------------------

## 14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
--	----------------------------------------------------------

## 14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
--	----------------------------------------------------------

## 14.7 Maritime Transport in bulk according to IMO instruments

	The product is not classified as dangerous for carriage.
--	----------------------------------------------------------

## SECTION 15: Regulatory information

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

<b>Regulations</b>	COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1272/2008 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
<b>Chemical Inventories/Right-to-Know Lists:</b>	Contact SDS@neogen.com for additional information. Please specify country or region with your request.  California Proposition 65: This product does not contain reportable substances at >0,0001% concentration.

## SECTION 16: Other information

## Other information

<b>Revision</b>	This document differs from the previous version in the following areas: 1 - Description. 1 - Product Use. 3 - Particle Characteristics. 15 - Regulations. 15 - Chemical Inventories/Right-to-Know Lists:.
<b>Acronyms</b>	ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR). CAS No.: Chemical Abstracts Service. CLASS: Classification, Labelling, and Safety Data Sheet of Hazardous Chemicals Regulation 2013 (Malaysia).



## Rappaport-Vassiliadis Broth

Revision 6  
Revision date 2023-08-22

## Other information

	<p>FIFRA: U.S. Federal Insecticide, Fungicide, and Rodenticide Act.  GHS: Globally Harmonized System.  HCS 2012: U.S. Hazard Communication Standard (2012 revision).  IATA: International Air Transport Association.  ICAO: International Civil Aviation Organisation.  IMDG: International Maritime Dangerous Goods.  LD: Lethal dose.  OEL: Occupational exposure limit.  OSHA: U.S. Occupational Safety and Health Administration.  PEL: Permissible Exposure Limit.  REACH: Registration, Evaluation, Authorisation, and Restriction of Chemicals.  STOT: Specific Target Organ Toxicity.  SVHC: Substance of very high concern.  US DOT: United States Department of Transportation.  VOC: Volatile Organic Compound.  WEL: Workplace Exposure Limit.</p>
<b>Text of Hazard Statements in Section 3</b>	<p>Acute Tox. 4: H302 - Harmful if swallowed.  Eye Dam. 1: H318 - Causes serious eye damage.  Repr. 2: H361d - Suspected of damaging the unborn child.  Aquatic Acute 1: H400 - Very toxic to aquatic life.  Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p>

## Further information

	<p>DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.</p> <p>Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS PRODUCT are made with respect to this product or use of this product. The product covered is furnished "as is" and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.</p>
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# SAFETY DATA SHEET

according to Regulation (EU) 2020/878

Page 1/8

## M Broth

Revision 4  
Revision date 2024-01-04

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name	M Broth
Product code	NCM0125, 40000824, 700003332, 700003333, 700003334

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC21] Laboratory chemicals; [PROC15] Use as laboratory reagent;
Description	Intended for use in routine analytics, including quality control and monitoring. For in vitro use only.

#### 1.3. Details of the supplier of the safety data sheet

Company	Neogen Corporation
Address	620 Leshler Place Lansing MI 48912 USA
Web	www.neogen.com
Telephone	517-372-9200/800-234-5333
Email	SDS@neogen.com

#### 1.4. Emergency telephone number

	24 hours: Medical: 1-651-523-0318 (international) Spill/CHEMTREC: 1-703-527-3887 (international)
--	--------------------------------------------------------------------------------------------------------

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Based on available data, this product is not classified as hazardous.
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#### 2.2. Label elements

Hazard Statement	No Significant Hazard
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#### 2.3. Other hazards

Other hazards	Contains material(s) which may be harmful if swallowed. Dust may be irritating if inhaled.
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### SECTION 3: Composition/information on ingredients

#### Description

	No components need to be disclosed according to the applicable regulations. Concentrations listed are not product specifications.
--	--------------------------------------------------------------------------------------------------------------------------------------

#### Particle Characteristics

	No data available.
--	--------------------

#### Further information

# M Broth

Revision 4  
Revision date 2024-01-04

## Further information

Full text of Hazard Statements listed in this Section is provided in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water. Contact lenses should be removed. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation or symptoms persist.
Ingestion	Do not induce vomiting unless told to do so by the poison control center or doctor. Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and vomiting.

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

Remove the affected person from the source of contamination immediately. Transfer to hospital if there are burns or symptoms of poisoning. Seek medical attention if irritation or symptoms persist. If medical advice is needed, have product container or label at hand.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

### 5.2. Special hazards arising from the substance or mixture

Avoid formation of dust. Do not allow undiluted product to be released to ground water, water course or sewage system.

### 5.3. Advice for firefighters

Do not breathe dust or vapour. Wear self-contained breathing apparatus and chemical-protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid formation of dust. Use as appropriate: Protective equipment, Protective clothing. Ensure adequate ventilation of the working area. Avoid prolonged or repeated exposure.

### 6.2. Environmental precautions

Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. Do not flush into surface water. Do not let product contaminate subsoil.

### 6.3. Methods and material for containment and cleaning up

Avoid formation of dust. Clean spillage area thoroughly with plenty of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

### 6.4. Reference to other sections

See Section(s) 2, 8, and 13 for further information.

# M Broth

Revision 4  
Revision date 2024-01-04

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

	<p>Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes. Do not eat, drink or smoke in areas where this product is used or stored. Ensure adequate ventilation of the working area. Do not contaminate water by cleaning of equipment or disposal of wastes. Use as appropriate: Protective clothing.</p> <p>Read the entire label and follow all use directions, restrictions, and precautions.</p>
--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

### 7.2. Conditions for safe storage, including any incompatibilities

	<p>Store at temperatures between 2 °C and 8 °C. Follow label instructions.</p> <p>Store in correctly labelled containers. Keep container tightly closed. Protect from moisture. Do not contaminate water, food, or feed by storage or disposal.</p>
--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

### 7.3. Specific end use(s)

	See Section(s) 1.2 for further information.
--	---------------------------------------------

### Further information


	Refer to product label and/or package insert for additional information.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

	No occupational exposure limits known.
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### 8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Use as appropriate: Protective equipment.
Eye / face protection	Use as appropriate: Suitable eye protection.
Skin protection - Handprotection	Use as appropriate: Chemical-resistant gloves made of any waterproof material. Wash the outside of gloves before removing them.
Skin protection - Other	Use as appropriate: Protective clothing. Wash contaminated clothing, separately from other laundry, with detergent and water before reuse.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. Dust may be irritating if inhaled.
Occupational exposure controls	Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Protect clothing from contact with the product. Provide chemical shower. Provide eye wash station.

### Further information

	Refer to product label for additional PPE requirements and recommendations. Follow label instructions.
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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

## M Broth

Revision 4  
Revision date 2024-01-04

## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Powder
<b>Colour</b>	Beige
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	No data available
<b>pH</b>	6.8 - 7.2
<b>Melting point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Initial boiling point</b>	No data available
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Relative Vapour Density</b>	No data available
<b>Density / Relative Density</b>	No data available
<b>Partition coefficient (P)</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	Not applicable.
<b>Explosive properties</b>	No data available
<b>Oxidising properties</b>	No data available
<b>Solubility</b>	Soluble in water

## 9.2. Other information

<b>Surface tension</b>	Not applicable.
<b>Gas group</b>	No data available
<b>Benzene Content</b>	No data available
<b>Lead content</b>	No data available
<b>VOC (Volatile organic compounds)</b>	No data available

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Stable under normal conditions.
--	---------------------------------

## 10.2. Chemical stability

	Stable under normal conditions.
--	---------------------------------

## 10.3. Possibility of hazardous reactions

	Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.
--	-----------------------------------------------------------------------------------------------------------------------

## 10.4. Conditions to avoid

	Keep away from extreme temperatures. Protect from moisture. Protect from sunlight.
--	------------------------------------------------------------------------------------

## 10.5. Incompatible materials

	No data available.
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## 10.6. Hazardous decomposition products

	Carbon oxides.
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## SECTION 11: Toxicological information

## 11.1 Information on hazard classes

<b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
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## M Broth

Revision 4  
Revision date 2024-01-04

## 11.1 Information on hazard classes

Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	May cause allergic reactions in susceptible people.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No components at >0,01% are listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values. No components at >0.01% are listed in the International Agency for Research on Cancer (IARC) Monographs. No components at >0,01% are listed in the National Toxicology Program (NTP) Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No teratogenic effects reported.
STOT-single exposure	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
STOT-repeated exposure	No Significant Hazard.
Aspiration hazard	No Significant Hazard.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible.

## 11.1.2. Mixtures

	See Section(s) 3 for further information.
--	-------------------------------------------

## 11.1.3. Hazard Information

	See Section(s) 2 and 3 for further information.
--	-------------------------------------------------

## 11.1.4. Toxicological Information

	No data available
--	-------------------

## 11.1.5. Hazard Class

	See Section(s) 2 and 14 for further information.
--	--------------------------------------------------

## 11.1.6. Classification Criteria

	Based on the Globally Harmonised System (GHS) considerations for the classification of mixtures. See Section 15 for regulatory citations.
--	----------------------------------------------------------------------------------------------------------------------------------------------

## 11.1.7. Information on likely routes of exposure

	Eye contact. Skin contact. Inhalation. Ingestion.
--	---------------------------------------------------

## 11.1.8. Symptoms related to the physical, chemical and toxicological characteristics

	See Section(s) 4.2 for further information.
--	---------------------------------------------

## 11.1.9. Delayed and immediate effects as well as chronic effects from short and long-term exposure

	See Section(s) 4.2 for further information.
--	---------------------------------------------

## 11.1.10. Interactive effects

	No data available.
--	--------------------

## 11.1.11. Absence of specific data

	<1% of this mixture consists of ingredients of unknown acute toxicity.
--	------------------------------------------------------------------------

## 11.1.12. Mixture versus substance information

	See Section(s) 3 for further information.
--	-------------------------------------------

## 11.1.13. Other information

	No data available.
--	--------------------

## M Broth

Revision 4  
Revision date 2024-01-04

## 11.2 Information on other hazards

No data available.

## SECTION 12: Ecological information

## 12.1. Toxicity

No data available

## 12.2. Persistence and degradability

No data is available on this product.

## 12.3. Bioaccumulative potential

No data is available on this product.

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

No data is available on this product.

## 12.6 Endocrine disrupting properties

No data is available on this product.

## 12.7 Other adverse effects

Specific test data for the substance or mixture is not available.

## Further information

Keep out of lakes, ponds, or streams.

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations. Follow label instructions.

## Disposal methods

Do not contaminate water by cleaning of equipment or disposal of wastes. Do not flush into surface water. Dispose of in compliance with all local and national regulations.

## Disposal of packaging

Nonrefillable container. Do not reuse or refill this container.  
 If empty: Do not reuse this container. Place in trash or offer for recycling, if available. If partly filled:  
 Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

## Further information

Refer to product label and/or package insert for additional information. Follow label instructions.

## SECTION 14: Transport information

## 14.1. UN number

The product is not classified as dangerous for carriage.

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

## M Broth

Revision 4  
Revision date 2024-01-04

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7 Maritime Transport in bulk according to IMO instruments

The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

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

<b>Regulations</b>	COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1272/2008 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
<b>Chemical Inventories/Right-to-Know Lists:</b>	Contact SDS@neogen.com for additional information. Please specify country or region with your request.  California Proposition 65: This product does not contain reportable substances at >0,0001% concentration.

## SECTION 16: Other information

## Other information

<b>Revision</b>	This document differs from the previous version in the following areas: 1 - Product Use. 2 - Other hazards. 7 - 7.2. Conditions for safe storage, including any incompatibilities. 9 - 9.1. Information on basic physical and chemical properties (PH). 9 - 9.2. Other information (Gas group). 9 - 9.2. Other information (Surface tension). 9 - 9.2. Other information (Benzene Content). 9 - 9.2. Other information (Product Subcategory). 9 - 9.2. Other information (Lead content). 10 - 10.4. Conditions to avoid. 16 - Maximum content of VOC.
<b>Acronyms</b>	ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR). CAS No.: Chemical Abstracts Service. CLASS: Classification, Labelling, and Safety Data Sheet of Hazardous Chemicals Regulation 2013 (Malaysia). FIFRA: U.S. Federal Insecticide, Fungicide, and Rodenticide Act. GHS: Globally Harmonized System. HCS 2012: U.S. Hazard Communication Standard (2012 revision). IATA: International Air Transport Association. ICAO: International Civil Aviation Organisation. IMDG: International Maritime Dangerous Goods. LD: Lethal dose. OEL: Occupational exposure limit. OSHA: U.S. Occupational Safety and Health Administration. PEL: Permissible Exposure Limit. REACH: Registration, Evaluation, Authorisation, and Restriction of Chemicals. STOT: Specific Target Organ Toxicity. SVHC: Substance of very high concern.



# M Broth

Revision 4  
Revision date 2024-01-04

## Other information

US DOT: United States Department of Transportation.  
VOC: Volatile Organic Compound.  
WEL: Workplace Exposure Limit.

## Further information

DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.

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