

SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

Page 1/7

Buffered Listeria Enrichment Supplement FDA

Revision 0
Revision date 2018-11-30

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

1.1. Product identifier

Product name	Buffered Listeria Enrichment Supplement FDA
Product code	7980

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 laboratory 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	regulatorysupport@neogen.com

1.4. Emergency telephone number

Emergency telephone number	1-800-234-5333
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Further information


Hotline(s):	Medical: United States (1-800-498-5743), International (1-651-523-0318). Spill/CHEMTREC: United States (1-800-424-9300), International (1-703-527-3887).
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - GHS	Acute Tox. 2: H300; Skin Sens. 1: H317; Eye Dam. 1: H318; Resp. Sens. 1: H334; Muta. 2: H341; Repr. 1B: H360D; Aquatic Chronic 3: H412;
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2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Acute Tox. 2: H300 - Fatal if swallowed. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Dam. 1: H318 - Causes serious eye damage.

Buffered Listeria Enrichment Supplement FDA

Revision 0
Revision date 2018-11-30

2.2. Label elements

Precautionary Statement: Prevention	Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled. Muta. 2: H341 - Suspected of causing genetic defects . Repr. 1B: H360D - May damage the unborn child. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P284 - [In case of inadequate ventilation] wear respiratory protection.
Precautionary Statement: Response	P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/ . P302+P352 - IF ON SKIN: Wash with plenty of water/ . P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - IF exposed or concerned: Get medical advice/attention. P330 - Rinse mouth. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor/ .
Precautionary Statement: Storage	P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved waste disposal facility in accordance with local and national regulations.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Cycloheximide	613-140-00-8	66-81-9	200-636-0		10 - 20%	Muta. 2: H341; Repr. 1B: H360D; Acute Tox. 2: H300; Aquatic Chronic 2: H411;
Nalidixic Acid		389-08-2	206-864-7		10 - 20%	Acute Tox. 4: H302; Skin Sens. 1: H317; Resp. Sens. 1: H334;
Acriflavine hydrochloride		8063-24-9			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318; STOT SE 3: H335; Aquatic Acute 1: H400; Aquatic Chronic 2: H411;

Description

No components need to be disclosed according to the applicable regulations.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Avoid breathing dust. Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water. Contact lenses should be removed.
Skin contact	Rinse immediately with plenty of water. Remove contaminated clothing.

Buffered Listeria Enrichment Supplement FDA

Revision 0
Revision date 2018-11-30

4.1. Description of first aid measures

Ingestion	DO NOT INDUCE VOMITING unless advised to do so by a doctor. Never give anything by mouth to an unconscious person. Immediate medical attention is required.
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4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause allergy or asthma symptoms or breathing difficulties if inhaled. Seek medical attention if irritation or symptoms persist.
Eye contact	Causes severe inflammation and may damage the cornea. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause sensitization by skin contact. Seek medical attention if irritation or symptoms persist.
Ingestion	Fatal if swallowed. May cause heritable genetic damage. May cause malformations or permanent structural changes in embryo/fetus. May damage fertility. May damage the unborn child.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Use extinguishing media appropriate to the surrounding fire conditions. Avoid raising dust.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Ensure adequate ventilation of the working area.
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6.2. Environmental precautions

	Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. Do not flush into surface water.
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6.3. Methods and material for containment and cleaning up

	Clean the area using a vacuum cleaner. Avoid raising dust. Clean spillage area thoroughly with plenty of water. Do not flush into surface water.
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6.4. Reference to other sections

	See section 2, 8 & 13 for further information.
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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.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep container tightly closed. Keep only in the original container. Keep in a cool, dry, well ventilated area. Keep away from sources of ignition - No smoking.
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7.3. Specific end use(s)


	See Section 1.2 for further information.
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SECTION 8: Exposure controls/personal protection

Buffered Listeria Enrichment Supplement FDA

Revision 0
Revision date 2018-11-30

8.2. Exposure controls

	
Appropriate engineering controls	Ensure adequate ventilation of the working area.
Individual protection measures	Use as appropriate: Protective clothing.
Eye / face protection	Use as appropriate: Suitable eye protection.
Skin protection - Hand protection	Use as appropriate: Chemical resistant gloves.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Occupational exposure controls	Keep away from food, drink and animal feed and/ or feed products.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Solid/Crystals.
Color	Yellow
Odor	Odorless/Slight
Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing Point	No data available
Boiling point	Not applicable.
Flash point	No data available
Flammability limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Soluble in water

SECTION 10: Stability and reactivity

10.1. Reactivity

	Stable under normal conditions.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	No Significant Hazard.
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10.4. Conditions to avoid

	Avoid sparks, flames, heat and sources of ignition. Keep away from excessive moisture.
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Buffered Listeria Enrichment Supplement FDA

Revision 0
Revision date 2018-11-30

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitisation Germ cell mutagenicity Carcinogenicity Reproductive toxicity STOT-single exposure STOT-repeated exposure Aspiration hazard Repeated or prolonged exposure	Fatal if swallowed.
	No Significant Hazard.
	May cause allergic reactions in susceptible people.
	Causes severe inflammation and may damage the cornea.
	May cause sensitization by inhalation and skin contact. May cause allergic reactions in susceptible people.
	Adverse mutagenic and teratogenic effects have been found in laboratory animals.
	Listed by the International Agency for Research on Cancer (IARC) as a group 3 substance: evidence does not support the substance as a human carcinogen. Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens.
	Adverse reproductive effects have been found in laboratory animals.
	No Significant Hazard.
	No Significant Hazard.
	No Significant Hazard.
	Avoid prolonged or repeated exposure.

11.1.2. Mixtures

Caution - substance not yet fully tested.

11.1.4. Toxicological information

Buffered Listeria Enrichment Supplement FDA	Oral Rat LD50: 31
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SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data is available on this product.

Partition coefficient

Buffered Listeria Enrichment Supplement FDA No data available

12.4. Mobility in soil

No data is available on this product.

Buffered Listeria Enrichment Supplement FDA

Revision 0
Revision date 2018-11-30

12.5. Results of PBT and vPvB assessment

No data is available on this product.

12.6. Other adverse effects

Caution - substance not yet fully tested.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in compliance with all. local and national regulations.

Disposal methods

Dispose of in compliance with all. local and national regulations.

Disposal of packaging

Dispose of in compliance with all. local and national regulations.

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

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

Regulations

Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication.

All chemicals in this product are TSCA listed or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.

US State Regulations:

New Jersey Right-to-Know Hazardous Substance List:
Cycloheximide

Pennsylvania Right-to-Know Hazardous Substance List:
Cycloheximide.

Buffered Listeria Enrichment Supplement FDA

Revision 0
Revision date 2018-11-30

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

Rhode Island Right-to-Know Hazardous Substance List: Cycloheximide.

California Prop 65:

WARNING: Cancer - www.P65Warnings.ca.gov.

WARNING: Reproductive effects - www.P65Warnings.ca.gov.

Inventories

Ingredient	TSCA	MA	SARA313	CALPROP65	CWA307	CAA112	CWA311	SARA302	SARA304
Cycloheximide	N	N	N	Y	N	N	N	Y 100/10,000	Y 100

SECTION 16: Other information

Other information

Text of Hazard Statements in Section 3

Acute Tox. 2: H300 - Fatal if swallowed.

Muta. 2: H341 - Suspected of causing genetic defects .

Repr. 1B: H360D - May damage the unborn child.

Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Acute Tox. 4: H302 - Harmful if swallowed.

Skin Sens. 1: H317 - May cause an allergic skin reaction.

Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Eye Dam. 1: H318 - Causes serious eye damage.

STOT SE 3: H335 - May cause respiratory irritation.

Aquatic Acute 1: H400 - Very toxic to aquatic life.

Further information

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