



SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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Fraser Broth Base Supplement

Revision 0
Revision date 2019-02-20

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

1.1. Product identifier

| | |
|--------------|------------------------------|
| Product name | Fraser Broth Base Supplement |
| Product code | 7984 |

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 |
|----------------------------|----------------|

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). |
|-------------|---|

SECTION 2: Hazards identification

2.2. Label elements

| | |
|------------------|-----------------------|
| Hazard Statement | No Significant Hazard |
|------------------|-----------------------|

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 |
|-------------------------|-----------|-----------|-----------|---------------------------|--------------|--|
| Ferric Ammonium Citrate | | 1185-57-5 | 214-686-6 | | 1 - 10% | Skin Irrit. 2: H315; Eye Irrit. 2: H319; |

Description

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

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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 | Rinse immediately with plenty of water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist. |
| Ingestion | DO NOT INDUCE VOMITING unless advised to do so by a doctor. 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 | Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. |
| Eye contact | May cause irritation to eyes. |
| Skin contact | May cause irritation to skin. |
| Ingestion | Ingestion may cause nausea and vomiting. |

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

| | |
|--|--|
| | This product is not flammable. Use extinguishing media appropriate to the surrounding fire conditions. |
|--|--|

5.3. Advice for firefighters

| | |
|--|---|
| | Wear suitable respiratory equipment when necessary. |
|--|---|

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. |
|--|--|

6.2. Environmental precautions

| | |
|--|--|
| | Prevent further spillage if safe. Clean spillage area thoroughly with plenty of water. |
|--|--|

6.3. Methods and material for containment and cleaning up

| | |
|--|---|
| | Absorb spillage to prevent material damage. Clean spillage area thoroughly with plenty of water. Do not flush into surface water. |
|--|---|

6.4. Reference to other sections

| | |
|--|--|
| | See section 2, 8 & 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. |
|--|---|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|--|--|
| | Store in correctly labelled containers. Keep container tightly closed. |
|--|--|

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7.3. Specific end use(s)

See Section 1.2 for further information.


SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

| | | |
|-------------------------|---|---|
| Ferric Ammonium Citrate | WEL 8-hr limit ppm: | WEL 8-hr limit mg/m3: 1 |
| | WEL 15 min limit ppm: | WEL 15 min limit mg/m3: |
| | WEL 8-hr limit mg/m3 total inhalable dust: | WEL 15 min limit mg/m3 total inhalable dust: |
| | WEL 8-hr limit mg/m3 total respirable dust: | WEL 15 min limit mg/m3 total respirable dust: |

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 clothing. |
| Eye / face protection | Use as appropriate: Suitable eye protection. |
| Skin protection - Handprotection | 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 feedingstuffs. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

| | |
|----------------------------------|-------------------|
| Appearance | Liquid |
| Colour | Clear/Amber |
| Odour | Odourless/Slight |
| Odour threshold | No data available |
| pH | No data available |
| Melting point | No data available |
| Freezing Point | No data available |
| Initial boiling point | No data available |
| Flash point | No data available |
| Evaporation rate | No data available |
| Flammability (solid, gas) | Not applicable. |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Relative density | No data available |
| Partition coefficient | No data available |
| Autoignition temperature | No data available |
| Viscosity | No data available |
| Explosive properties | No data available |
| Oxidising properties | No data available |
| Solubility | Soluble in water |

9.2. Other information

| | |
|---|-------------------|
| VOC (Volatile organic compounds) | 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

| | |
|--|------------------------|
| | No Significant Hazard. |
|--|------------------------|

10.4. Conditions to avoid

| | |
|--|----------------------|
| | Keep away from heat. |
|--|----------------------|

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 | Ingestion may cause nausea and vomiting. |
| Skin corrosion/irritation | May cause irritation to skin. |
| Serious eye damage/irritation | May cause irritation to eyes. |

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11.1. Information on toxicological effects

| | |
|--------------------------------|--|
| Germ cell mutagenicity | No Significant Hazard. |
| Carcinogenicity | Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112. Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens. |
| Reproductive toxicity | No Significant Hazard. |
| STOT-single exposure | No Significant Hazard. |
| STOT-repeated exposure | No Significant Hazard. |
| Aspiration hazard | No Significant Hazard. |
| Repeated or prolonged exposure | Avoid prolonged or repeated exposure. |

11.1.4. Toxicological Information

| | |
|------------------------------|----------------------|
| Fraser Broth Base Supplement | Oral Rat LD50: 40000 |
|------------------------------|----------------------|

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. |
|--|---------------------------------------|

Partition coefficient

| | |
|--|--|
| | Fraser Broth Base Supplement No data available |
|--|--|

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. 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

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| | |
|---|--|
| 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 | <p>Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication.</p> <p>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.</p> <p>US State Regulations: New Jersey Right-to-Know Hazardous Substance List: Ferric ammonium citrate</p> <p>Pennsylvania Right-to-Know Hazardous Substance List: Ferric ammonium citrate.</p> <p>Rhode Island Right-to-Know Hazardous Substance List: Ferric ammonium citrate.</p> |
|--------------------|---|

SECTION 16: Other information**Other information**

| | |
|---|---|
| Text of Hazard Statements in Section 3 | <p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> |
|---|---|

Further information

| | |
|--|--|
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Further information

| | |
|--|---|
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