

SAFETY DATA SHEET
according to 1907/2006/EC, Article 31
Half Fraser Broth

Revision 3
Revision date 2015-06-23

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

1.1. Product identifier

Product name	Half Fraser Broth
Product code	FBH001/FBH002/FBH005

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

Description	Culture Medium.
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1.3. Details of the supplier of the safety data sheet

Company	Solus Scientific Solutions Limited
Address	9 Mansfield Networkcentre Millennium Business Park Concord Way Mansfield NG19 7JZ UK
Web	www.solusscientific.com
Telephone	+44 (0)1623 429701
Fax	+44 (0)1623 620977
Email	info@solusscientific.com
Email address of the competent person	info@solusscientific.com

Emergency telephone number	+44 (0)1623 429701 9.00 am - 5.00 pm GMT Mon - Fri
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1.4. Emergency telephone number

SECTION 2: Hazards identification

Main hazards	No Significant Hazard
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2.1. Classification of the substance or mixture

2.2. Label elements

Risk phrases	No Significant Hazard
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SECTION 3: Composition/information on ingredients

3.1. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Lithium chloride		7447-41-8	231-212-3		1 - 10%	Xn; R22 Xi; R36/37/38	

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3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Lithium chloride		7447-41-8	231-212-3		1 - 10%	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;	

Further information

May be harmful by ingestion, inhalation or if absorbed through the skin.

SECTION 4: First aid measures

4.1. Description of first aid measures

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

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

Inhalation	If you feel unwell, seek medical advice (show the label where possible). Move the exposed person to fresh air.
Eye contact	If you feel unwell, seek medical advice (show the label where possible). Rinse immediately with plenty of water.
Skin contact	Wash with water.
Ingestion	Rinse mouth thoroughly. Seek medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions. Carbon dioxide (CO2). Dry chemical. Foam. Water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing, gloves and eye/face protection.

6.2. Methods and material for containment and cleaning up

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Do not breathe dust.

7.2. Conditions for safe storage, including any incompatibilities

Suitable packaging Keep container tightly closed and dry. Store in original container.

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SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection	Wear suitable gloves and eye/face protection. Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Powder
Colour	Cream
Odour	Characteristic
Odour threshold	Not applicable.
pH	7 - 7.4
Melting point	Not applicable.
Freezing Point	Not applicable.
Initial boiling point	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	Not applicable.
Fat Solubility	Not applicable.
Partition coefficient	Not applicable.
Autoignition temperature	Not applicable.
Viscosity	Not applicable.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.
Solubility	Soluble in water

9.2 Other information

Conductivity	Not applicable.
Surface tension	Not applicable.
Gas group	Not applicable.
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

	Avoid contact with: Oxidising agents.
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10.2. Chemical stability

	Stable under normal conditions. Hygroscopic.
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SECTION 11: Toxicological information

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.3. Bioaccumulative potential

Partition coefficient

Half Fraser Broth PLUS (ISO) Not applicable.

SECTION 13: Disposal considerations

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.

ADR/RID

The product is not classified as dangerous for carriage.

IMDG

The product is not classified as dangerous for carriage.

IATA

The product is not classified as dangerous for carriage.

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SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 9 - 9.1. Information on basic physical and chemical properties (PH). 12 - 12.1. Toxicity.
Text of risk phrases in Section 3	R22 - Harmful if swallowed. R36/37/38 - Irritating to eyes, respiratory system and skin.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation.

Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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