SIH Medium without Cysteine and Methionine

SIH08

SECTION 1 Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product identifier

Identification of the product : Blended Material
Product code : SIH08
Trade name : SIH Medium without Cysteine and Methionine.

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

Use : For research purposes only

1.3. Details of the supplier of the safety data sheet

Company identification : **Formedium Ltd.**
King's Lynn, England, PE31 6DJ
Tel: +44(0)1485 609069
Web: www.Formedium.com
E-mail: info@formedium.com

1.4. Emergency telephone number

Emergency phone nr : Tel: +44(0)1485 609069 (local time : 9.00 to 17.00)
NHS Direct 111 (UK, 24 hours), 112 (EU, 24 Hours)

SECTION 2 Hazards Identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Not regulated

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008

- **Hazard pictograms code** None
- **Precautionary statements** None

2.3. Other hazards

None under normal conditions.

SECTION 3 Composition/Information on Ingredients

Components This product is not classified as hazardous

L-Arginine	**L-Glutamic Acid**	**L-Leucine**	**L-Proline**
L-Asparagine	**Glycine**	**L-Lysine**	**L-Threonine**
L-Aspartic Acid	**L-Histidine**		**L-Tryptophane**
	L-Isoleucine	**L-Phenylalanine**	**Valine**
Ammonium chloride	**Calcium chloride**	**FECl3**	**Magnesium Chloride**
KH2PO4	**Glucose**	**Vitamins**	**Micro Elements**

SECTION 4 First Aid Measures

4.1. Description of first aid measures

- **General information** : Seek medical attention if ill effect develops.
- **Inhalation** : Remove victim to fresh air.
- **Skin contact** : Flush with plenty of water.
- **Eye contact** : Rinse with copious amounts of water.
- **Ingestion** : Induce vomiting, give plenty of water to drink.

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

Symptoms and effects, both acute and delayed : No data available.

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

Medical attention and special treatment needed : No data available.

SECTION 5 Fire-fighting Measures

5.1. Extinguishing media

- Suitable extinguishing media : Dry powder.
Alcohol resistant foam.
Water spray.
Carbon dioxide (CO2).

5.2. Special hazards arising from the substance or mixture

When heated to decomposition, emits toxic fumes.
COx

5.3. Advice for fire-fighters

Protection against fire : Wear proper protective & breathing equipment.
Special procedures : None/ Avoid (reject) fire-fighting water to enter environment.

SECTION 6 Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Technical measures : Use good housekeeping practices to avoid rendering dust airborne.

6.2. Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods : Sweep up dry powder. Keep in suitable, closed container for disposal. Dispose of properly.

6.4. Reference to other sections

Reference to other sections : No Reference

SECTION 7 Handling and Storage

7.1. Precautions for safe handling

General : Store in dry, well-ventilated area.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Store in dry, cool area.
See bottle label for optimum storage conditions

7.3. Specific end use(s)

Specific end uses: : No data available.

SECTION 8 Exposure Controls/Personal Protection

8.1. Control parameters

No data available

8.2. Exposure controls

- **Eye protection** : Safety glasses.
- **Body protection** : Wear suitable protective clothing.
- **Hand protection** : Wear gloves. Dispose of gloves correctly. Wash and dry hands.
- **Respiratory protection** : P1 Where excessive dust may result, wear approved mask.

SECTION 9 Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance		
Physical state at 20 °C	:	Powder
Colour	:	Light yellowish
Odour		
Odour	:	Slight odour
Odour threshold		
Odour threshold	:	Not established
pH		
pH value	:	6 – 9
Melting point / Freezing point		
Melting point [°C]	:	No data available
Initial boiling point-boiling range		
Boiling point [°C]	:	No data available
Flash point		
Flash point [°C]	:	No data available
Evaporation rate		
Evaporation rate (ether = 1)	:	No data available
Flammability		
Flammability range (vol% in air)	:	No data available
Explosion limits (lower / upper)		
Explosion limits	:	No data available
Vapour pressure		
Vapour pressure	:	No data available

SECTION 9 Physical and Chemical Properties (continued)

Vapour density

Relative vapour density (air=1) : No data available

Relative density

Relative density : Not established

Solubility

Solubility in water : Soluble

Partition coefficient : n-Octanol / water

Log P octanol / water at 20° C : Not established

Auto-ignition temperature

Auto ignition temperature [°C] : No data available

Thermal decomposition

Thermal decomposition [°C] : No data available

Viscosity

Viscosity : No data available

Explosive properties

Explosive properties : Not established

Oxidising properties

Oxidising properties : Not established

9.2. Other Information

Other data : No data available

SECTION 10 Stability and Reactivity

10.1. Reactivity

Reactivity : No data available

10.2. Chemical stability

Stability : Stable under normal conditions

10.3. Possibility of hazardous reactions

Hazardous properties : None

10.4. Conditions to avoid

Conditions to avoid : Moisture

10.5. Incompatible materials

Materials to avoid : Strong oxidizing agents

10.6. Hazardous decomposition products

Hazardous decomposition products : None

SECTION 11 Toxicological Information

11.1. Information on toxicological effects

Toxicity information : This product is not hazardous

11.2. Additional Information

Endocrine disrupting properties : The Substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12 Ecological Information

12.1. Toxicity

No data available.

12.2. Persistence - degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

12.7. Endocrine disrupting properties

The Substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 13 Disposal Considerations

13.1. Waste treatment methods

General : Avoid release to the environment.

Dispose in a safe manner in accordance with local/national regulations.

SECTION 14 Transport Information

14.1. UN Number

Not applicable.

14.2. Proper shipping name

Not classified as dangerous in the meaning of transport regulations

14.3. Transport Hazard Classification

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Bulk transport - annex II Marpol 73/78 - IBC

Not applicable.

SECTION 15 Regulatory Information

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

This safety datasheet complies with the requirements of Regulation (EU) No. 2015/830.

15.2. Chemical Safety Assessment

Not established.

SECTION 16 Other Information

Further information : The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Formedium Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.

Revision : Complete SDS revision

End of document