

1: Identification of substance / mixture

1. Product Identifier

Substance

Product Name **Physiological Standard**
Product Code 80-6002-80
CAS Number
Other Names 5056336801021
IUPAC
MFCD Number
EC/EINECS
REACH Number

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

Reference Material for Amino Acid Analysis by Ion-exchange Chromatography.

3. Details of the supplier of the safety data sheet

Biochrom Ltd
Unit 7, Enterprise Zone, 3970 Cambridge Research Park
Waterbeach
Cambridge
CB25 9PE
United Kingdom

Telephone: +44 (0)1223 423723
Fax: +44 (0)1223 420164
Email: enquiries@biochrom.co.uk



4. Emergency telephone number

+44 (0)1223 427890 - None

2. Hazards Identification

1. Classification of the substance or mixture

Non Hazardous

2. Label elements

Non Hazardous

Hazard Statements

Non Hazardous

Precautionary Phrases

Non Hazardous

3. Other Hazards

Non Hazardous

3. Composition / Information on Ingredients

1. Substances

Physiological Standard

Assay:100% **CAS Number :**

2. Mixtures

Not Relevant

4. First Aid Measures

1. Description of first aid measures

Skin Contact Wash immediately with plenty of soap and water.

Eye Contact Rinse opened eye for several minutes under running water.

Ingestion

Do not induce vomiting.
Wash out mouth with water.
Consult a doctor.

Inhalation

Supply fresh air; consult a doctor in case of complaints.

2. Most important symptoms and effects

No symptoms.

3. Indication of any immediate medical attention

No additional measures required

5. Firefighting measures

1. Extinguishing Media

Suitable Suitable extinguishing media for surrounding fire should be used.

Unsuitable NA

2. Special Hazards arising from the substance or mixture

NA

3. Advice for Fire Fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. Accidental Release Measures

1. Personal Precautions

Refer to section 8 of SDS for personal protection details.

2. Environmental Precautions

No special measures required.

3. Methods & Materials

Wash down the drain with large amounts of water.

4. Preventing the occurrence of secondary hazards.

None

7. Handling and Storage

1. Personal Precautions

Safe Handling No special requirements

Protection against explosions and fires No special requirements

2. Conditions for safe storage, including any incompatibilities

Managing Storage Risks Keep container tightly closed.
Keep away from direct sunlight.
Refrigerate.

Storage Controls No special requirements

Maintaining Integrity No special requirements

Other advice No further information available.

3. Specific End Uses

For laboratory use only. To be used with Biochrom Amino Acid Analysers.

8. Exposure Controls/Personal Protection

1. Control Parameters

No Data Available

2. Exposure Controls

<i>General protective and hygiene measures</i>	The standard precautionary measures should be adhered to.
<i>Engineering measures</i>	Ensure there is sufficient ventilation of the area.
<i>Eye / Face Protection</i>	Safety Glasses.
<i>Hand protection</i>	Nitrile gloves.
<i>Respiratory protection</i>	Respiratory protection not required.
<i>Skin protection</i>	Protective clothing.
<i>Other personal protection advice</i>	No data.

9. Physical and Chemical Properties

1. Physical and Chemical Properties

Appearance	Liquid
Odour	No Data Available
Odour threshold	No Data Available
PH	No Data Available
Melting point / Freezing point	No Data Available
Initial boiling point and boiling range	No Data Available
Flash point	No Data Available
Evaporation rate	No Data Available
Flammability(solid,gas)	No Data Available
Upper/lower flammability or explosive limits	No Data Available
Vapour pressure	No Data Available
Vapour density	No Data Available
Relative density	No Data Available
Solubility(ies):	Water soluble
Partition coefficient: n-octanol/water	No Data Available
Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available
Viscosity	No Data Available
Explosive properties	No Data Available
Oxidising properties	No Data Available

2. Other Information

No additional information available

10. Stability and Reactivity

1. Reactivity

No unusual reactivity

2. Stability

Store between 2°C and 8°C

3. Possibility of Hazardous Reactions

No hazardous reactions known.

4. Conditions to Avoid

Direct Sunlight.

5. Incompatible Materials

N/A

6. Hazardous Decomposition Products

N/A

11. Toxicology information

1. Information

<i>Acute Toxicity</i>	no data
<i>Skin corrosion/irritation</i>	No information available
<i>Serious eye Damage/irritation</i>	No information available
<i>Respiratory or skin sensitisation</i>	No information available
<i>Germ Cell mutagenicity</i>	No information available
<i>Carcinogenicity</i>	No information available
<i>Reproductive toxicity</i>	No information available
<i>STOT-single exposure</i>	No information available
<i>STOT-repeated exposure</i>	No information available
<i>Aspiration hazard</i>	No information available

2. Additional

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

12. Ecological Information

1. Toxicity

No information available

2. Persistence and degradability

No information available

3. Bio-Accumulative Potential

No information available

4. Mobility and Soil

No information available

5. Results of PBT & vPvB assessment

No information available

6. Other adverse effects

No information available

13. Disposal Considerations

1. Waste Treatment Methods

Disposal Operations Consult state, local or national regulations for proper disposal.

Disposal of Packaging

Disposal must be made according to official regulations.

14. Transport Information

Air (ICAO)

1. **UN Number:**
2. **Shipping Name:** Non Hazardous
3. **Transport hazard class(es):** : Sub Class :
4. **Packing group:**
5. **Environmental hazards:**
6. **Special Precautions for user:**
7. **Transport in bulk:**

Road (ADR)

1. **UN Number:**
2. **Shipping Name:** None Hazardous
3. **Transport hazard class(es):** : Sub Class :
4. **Packing group:**
5. **Environmental hazards:**
6. **Special Precautions for user:**
7. **Transport in bulk:**

Sea (IMDG)

1. **UN Number:**
2. **Shipping Name:** Non Hazardous
3. **Transport hazard class(es):** : Sub Class :
4. **Packing group:**
5. **Environmental hazards:**
6. **Special Precautions for user:**
7. **Transport in bulk:**

15. Safety, health, environmental and national regulations

1. Safety, health, environmental and national regulations:

Product is not subject to any additional regulations or provisions.

2. Safety Assessment

No Chemical Safety Assessment

16. Other Information

1. Other Information:

This safety data sheet complies to the requirements of Regulation (EC) No. 1272/2008

2. Associated risk phrases according to European directive 67/548/EEC

3. Disclaimer

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