

1: Identification of substance / mixture

1. Product Identifier

Mixture

Product Name **Sodium Regeneration Buffer 6**
Product Code 80-2037-57
CAS Number
Other Names 5056336800338
IUPAC
MFCN Number
EC/EINECS
REACH Number Index-No

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

For laboratory use only

3. Details of the supplier of the safety data sheet

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4. Emergency telephone number

+44 (0)1223 427890 -

2. Hazards Identification

1. Classification of the substance or mixture

| | | |
|------|---------------|--|
| H315 | Skin Irrit. 2 | |
| H319 | Eye Irrit. 2 | |

2. Label elements

Signal Word **Warning**



Hazard Statements

| | |
|------|--------------------------------|
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |

Precautionary Phrases

| | |
|--------------------|--|
| P264 | Wash hands thoroughly after handling. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337 + P313 | If eye irritation persists: Get medical advice/attention. |

3. Other Hazards

Additional precautionary phrases are located throughout the safety data sheet

3. Composition / Information on Ingredients

2. Mixtures

| Product Name | Hazards | Concentration |
|--------------|---|---------------|
| Water | | |
| | CAS Number: 7732-18-5 EC/EINECS: 231-791-2 | 98% |

Sodium hydroxide

CAS Number: 1310-73-2 H315, H319 Eye Irrit. 2, Skin Irrit. 2
EC/EINECS: 215-185-5

2%

4. First Aid Measures

1. Description of first aid measures

- Skin Contact* P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
P332 + P313: If skin irritation occurs: Get medical advice/attention.
- Eye Contact* P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313: If eye irritation persists: Get medical advice/attention.
- 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

There may be irritation and redness.

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* N/A

2. Special Hazards arising from the substance or mixture

N/A

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

- Do not discharge into drains or rivers.
Do not allow to enter sewers / surface or ground water.

3. Methods & Materials

- Absorb into dry earth or sand.
Mix with sand or vermiculite.
Transfer to a closable, labelled salvage container for disposal by an appropriate method.

4. Preventing the occurrence of secondary hazards.

None

7. Handling and Storage

1. Personal Precautions

- Safe Handling* P264: Wash hands thoroughly after handling.
- Protection against explosions and fires* P362: Take off contaminated clothing and wash before reuse.

2. Conditions for safe storage, including any incompatibilities

| | |
|-------------------------------|---|
| <i>Managing Storage Risks</i> | Store in cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. |
| <i>Storage Controls</i> | No special requirements |
| <i>Maintaining Integrity</i> | No special requirements |
| <i>Other advice</i> | No further information available. |

3. Specific End Uses

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

8. Exposure Controls/Personal Protection

1. Control Parameters

No Data Available

2. Exposure Controls

| | |
|--|--|
| <i>General protective and hygiene measures</i> | P280: Wear protective gloves/protective clothing/eye protection/face protection. |
| <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 | Clear 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

Reacts with acid.

2. Stability

Stable at room temperature.

3. Possibility of Hazardous Reactions

May react violently with oxidising materials.

4. Conditions to Avoid

Direct Sunlight.

5. Incompatible Materials

Acids.
Strong oxidizing agents.
Organic materials.

6. Hazardous Decomposition Products

In combustion emits toxic fumes.

11. Toxicology information

1. Information

| | |
|--|---|
| <i>Acute Toxicity</i> | No information available |
| <i>Skin corrosion/irritation</i> | Irritant for skin and mucous membranes. |
| <i>Serious eye Damage/irritation</i> | Irritant effect. |
| <i>Respiratory or skin sensitisation</i> | May cause skin sensitization |
| <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

Ingestion - May be harmful if swallowed.

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)

Not classified as hazardous for transport

Road (ADR)

Not classified as hazardous for transport

Sea (IMDG)

Not classified as hazardous for transport

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

3. Disclaimer

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