



SAFETY DATA SHEET

SODIUM HYDROXIDE 0.1M

Page: 1

Compilation date: 02/10/03

Revision No: 1

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

1.1. Product identifier

Product name: SODIUM HYDROXIDE 0.1M

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

Use of substance / mixture: Laboratory reagent.

1.3. Details of the supplier of the safety data sheet

Company name: Confederate Chemicals Ltd

Mochdre Industrial Estate

Newtown

Powys

SY16 4LE

Tel: 01686 627158

Email: lab@confederatechemicals.co.uk

1.4. Emergency telephone number

Emergency tel: 01686 627158

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: This product has no classification under CHIP.

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

Other hazards: Not applicable

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Contains: <0.5% Sodium Hydroxide

Product considered of low hazard which has been classified as outside the scope of the Categories of Danger listed in Part 1 of Schedule 1 of the Chemicals (Hazard Information and Packaging) for Supply Regulations 2002, Amendment 2005.

[cont...]

SAFETY DATA SHEET

SODIUM HYDROXIDE 0.1M

Page: 2

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Rinse skin with water. If there is any irritation obtain medical attention.

Eye contact: Rinse eyes with water. If there is any irritation obtain medical attention immediately.

Ingestion: Do not induce vomiting. Rinse mouth with water. If patient feels unwell seek medical attention.

Inhalation: Unless inhaled in steam, this product is unlikely to present problems by inhalation. Seek medical attention if irritation persists.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be some irritation which should cease on removal of the product.

Ingestion: Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may irritation if mist or spray are inhaled.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters

Advice for fire-fighters: No special precautions required.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Prevent any chemical entering surface water.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Do not allow to directly enter sewers without neutralising. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

[cont...]

SAFETY DATA SHEET

SODIUM HYDROXIDE 0.1M

Page: 3

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Use in a manner least likely to create splashing.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in the dry in closed containers remote from foodstuffs.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient local exhaust ventilation.

Respiratory protection: Respiratory protection not required.

Hand protection: Wear gloves if prolonged contact with the skin is envisaged.

Eye protection: Safety goggles. Ensure eye bath is to hand.

Skin protection: Wear appropriate clothing to prevent repeated or prolonged skin contact. Ensure safety shower is to hand.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Odourless

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible in all proportions

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

[cont...]

SAFETY DATA SHEET

SODIUM HYDROXIDE 0.1M

Page: 4

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be some irritation which should cease on removal of the product.

Ingestion: Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may irritation if mist or spray are inhaled.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

12.4. Mobility in soil

Mobility: Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Normal use, weak, neutral solutions may be discharged to the sewer. Ensure discharges are within Water Authority consent limit. Flush down drain with plenty of water.

Recovery operations: Ensure discharges are within Water Authority consent limit.

Disposal of packaging: All residues must be removed from packaging prior to disposal as controlled waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

[cont...]

SAFETY DATA SHEET

SODIUM HYDROXIDE 0.1M

Page: 5

Section 14: Transport information

14.1. UN number

UN number: Not classified

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: Refer to the Manual Handling Operations Regulations 1992.

Store in accordance with HSE Guidance Note CS17.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product. This Safety Data Sheet and the formulation behind it are the property of Confederate Chemicals GRP Ltd and are used under licence by Confederate Chemicals Ltd.