



Material Safety Data Sheet

Accepta 2098

Date issued: 01-06-2004

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Product Name: ACCEPTA 2098
Application: Boiler water treatment

Company Identification: Accepta Ltd.
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United Kingdom

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2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL DESCRIPTION:
Water, Sodium hydroxide.

HAZARDOUS INGREDIENTS:

CAS NO.	EINECS NO.	CHEMICAL NAME	WT %	SYMBOL	R-PHRASES
1310-73-2	2151855	Sodium hydroxide	15-30	C	35

3. HAZARD IDENTIFICATION

This product is classified as dangerous (European Directive 88/379/EEC, 1999/45/EC).

HUMAN HEALTH HAZARDS - ACUTE:

INHALATION:

Corrosive to respiratory system. May cause mucosal damage.

SKIN CONTACT:

Causes severe burns

EYE CONTACT:

Causes severe burns. May cause permanent damage to eyes.

INGESTION:

Corrosive, causes burns to gastro-intestinal tract. Nausea, vomiting and stomach pain may occur. In severe cases blood may be vomited.



Material Safety Data Sheet

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4. FIRST AID MEASURES

INHALATION:

Obtain medical attention immediately. Remove to fresh air, rest, treat symptomatically.

SKIN CONTACT:

Obtain medical attention immediately. Speed is essential. Remove contaminated clothing. Wash off affected area immediately with plenty of water.

EYE CONTACT:

Obtain medical attention immediately. Speed is essential. Immediately gently irrigate with clean water for at least 15 minutes. Move eyeball and keep eyelids wide open and apart whilst irrigating.

INGESTION:

Obtain medical attention immediately. **Do not induce vomiting without medical advice.** If conscious washout mouth and give one pint of water to drink.

ADDITIONAL INFORMATION

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Not expected to burn. Use extinguishing media appropriate for surrounding fire. Water spray, foam, dry powder, carbon dioxide.

FIRE AND EXPLOSION HAZARD

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING:

In case of fire, wear a full face positive-pressure self contained breathing apparatus and protective suit

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Do not breathe vapour. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water.

Ensure adequate ventilation. Use personal protective equipment recommended in Section 8.

ENVIRONMENTAL PRECAUTIONS:

Do not allow to enter sewers or water courses. If spillage does enter sewers or water courses, immediately inform the appropriate water authorities.

METHODS FOR CLEANING UP:

Contain and absorb with sand or vermiculite and mix well. Collect up and remove to a safe place until disposal. Wash site of spillage thoroughly with water. Assistance can be obtained from waste disposal companies.

Please refer to Section 13 for disposal considerations.



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Accepta 2098

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7. HANDLING AND STORAGE

HANDLING:

Prevent contact with skin, eyes and clothing. Use a closed dosing system. Do not breathe spray. Do not breathe vapour. Avoid generating aerosols and mists. Use personal protective equipment recommended in Section 8.

STORAGE CONDITIONS:

Protect from freezing. Keep container tightly closed in a cool, well-ventilated place. Avoid use of aluminium, tin, Zinc and their alloys.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

NATIONAL REGULATIONS UK

Sodium hydroxide: OES 2 mg/m³ (15 min) STEL.

NATIONAL REGULATIONS FRANCE

Sodium hydroxide: VME 2 mg/m³

ENGINEERING MEASURES Use general ventilation with local exhaust ventilation.

RESPIRATORY PROTECTION: An approved respirator must be worn if the occupational exposure limit is likely to be exceeded. Wear a cartridge respirator, filter-type P3.

HAND PROTECTION: PVC gloves, Nitrile gloves. Most glove materials are of low chemical resistance. Replace gloves regularly.

SKIN PROTECTION: Apron and boots. A full slicker suit is recommended if gross exposure is possible.

EYE PROTECTION: Chemical splash goggles.

HYGIENE RECOMMENDATIONS: Keep an eye wash fountain available. Keep a safety shower available. Wash hands at breaks and at the end of the shift. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

NOTE: These physical properties are typical values for this product

FORM: Liquid

COLOUR: Clear Colourless

ODOUR: None

RELATIVE DENSITY: 1.27

pH 13.0



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10. STABILITY AND REACTIVITY

STABILITY:

Stable under ambient conditions.

CONDITIONS TO AVOID:

MATERIALS TO AVOID:

Acids, metals and their alloys.

HAZARDOUS DECOMPOSITION PRODUCTS:

Gives off hydrogen by reaction with metals.

11. TOXICOLOGICAL INFORMATION

Hazard classification is based on 1999/45/EC, 67/548/EEC and available ingredient toxicity data. Please refer to section 3 for hazards identification.

12. ECOLOGICAL INFORMATION

No data available on the product.

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13. DISPOSAL CONSIDERATIONS

Via authorized contractor. If this product becomes a waste, the final user must define and assign the appropriate European Waste Catalogue code. Ensure compliance with EC, national and local regulations.

NATIONAL REGULATIONS UK

In accordance with the Environmental Protection (Duty of Care) Regulations 1991. Special Waste Regulations 1996 apply.

14. TRANSPORT INFORMATION

Class: 8 Packing group: II

UN No: 1824

Proper shipping name: SODIUM HYDROXIDE, SOLUTION

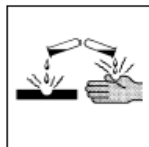
ADR/RID, H.I.n.: 80

EmS-Nr.: 8-06

15. REGULATORY INFORMATION

CLASSIFICATION:

HAZARD SYMBOL: CORROSIVE



C, CORROSIVE

Contains: Sodium hydroxide

RISK PHRASES:

R35 Causes severe burns.

SAFETY PHRASES:

S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of water. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

NATIONAL REGULATIONS UK

COSHH regulations apply. A precaution card is available and should be displayed wherever this product is used and stored (Ref. C).



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16. OTHER INFORMATION

Emergency Telephone Number +44 (0) 161 240 2100
