

AguaChem

SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

Product name: AGUACHEM SODIUM HYDROXIDE SOLUTION

Supplier: AguaChem Ltd
Redwither Business Centre
Redwither Business Park
Wrexham
LL13 9XR

Emergency Telephone: 01978 664077

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients: 32% Sodium Hydroxide Solution

3. HAZARD IDENTIFICATION

Main Hazard: Corrosive

4. FIRST AID MEASURES

Skin contact: Wash contaminated area with soap and water.

Eye contact: Irrigate the eye with water for 15 minutes. If there is any irritation seek medical advice immediately.

Inhalation: Remove the casualty to fresh air.

Ingestion: Rinse mouth immediately. Drink plenty of cold water.
Do not make the casualty vomit.

5. FIRE FIGHTING MEASURES

Extinguishing media: Water spray, foam or carbon dioxide.

Special protective

equipment for fire fighters: In the case of fire, wear respiratory protective equipment independent of surrounding air and chemical protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personnel precautions:	Use personal protective equipment.
Environmental precautions:	Do not let the product enter drains. Do not contaminate surface water. Contain spill and shut off source of leak if safe to do so.
Methods for cleaning up:	Soak with inert absorbent material (sand, silica gel, sawdust etc.) Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling precautions:	Avoid contact with skin and eyes. Do not eat, drink or smoke when handling the product.
Storage conditions:	Keep in a warm, dry place.
Materials to avoid:	Aluminium, lead, brass, copper & tin.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters:	None
Engineering measures:	Natural ventilation is adequate.
Hand protection:	Rubber gloves.
Eye protection:	Safety glasses with side shields.
Skin and body protection:	Chemical resistant apron or protective suit.
Respiratory protection:	None required.
Hygiene measures:	Wash hands before breaks and at the end of the workday. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour:	Colourless
Form:	Liquid
Odour:	Slight
pH as supplied:	N/A
Boiling point:	> 100 °C
Melting point:	4 °C
Flash point:	N/A
Specific gravity:	1.25 – 1.35 g/ml
Water solubility:	Completely soluble
Other data:	N/A

10. STABILITY AND REACTIVITY

Stability:	Product is stable at ambient temperatures.
Conditions to avoid:	Low temperatures may cause freezing
Materials to avoid:	Strong acids, strong oxidising agents.
Hazardous decomposition products:	No decomposition if stored and handled as directed.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity:	No data available
Eye irritation:	Severe burns & tissue destruction
Human experience:	May cause sensitisation of susceptible persons.

12. ECOLOGICAL INFORMATION

Fish:	No data available.
Algae:	No data available.
Bioaccumulation:	Not expected to bio-accumulate.
Persistence/degradability:	Not readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local regulations. In the UK disposals may be made to a licensed treatment/disposal site in accordance with the provisions of the "Environmental Protection Act 1990"

14. TRANSPORT INFORMATION

Class:	8
UN No.:	1824
Packaging group:	II

15. REGULATORY INFORMATION

Supply classification

Hazard symbol(s):	None
Risk phrases:	R34 – Causes burns.
Safety phrases:	S24/25 : Avoid contact with eyes and skin 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 protection.

16. OTHER INFORMATION

Recommended use:	Effluent treatment pH control
Revision No.:	2
Revision Date:	15/8/2015

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information.

The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation.