

1. IDENTIFICATION OF PRODUCT AND COMPANY**PRODUCT NAME AND /OR CODE:** FIREPLACE CLEANER**NAME & ADDRESS OF COMPANY:** Hydrachem Ltd
Gillmans Industrial Estate
Billingshurst
West Sussex RH14 9EZ**EMERGENCY PHONE No:** +44 (0) 1403 787700**2. COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT NAME:	CAS No:	CONC RANGE	SYMBOL	R PHRASES
SODIUM HYDROXIDE	1310-73-2	1-5 %	C	R34

3. HAZARDS IDENTIFICATION

Causes burns.

4. FIRST AID MEASURES

INHALATION: Rinse nose and mouth with water. Move exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Get prompt medical attention.

INGESTION: DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately!

SKIN: Remove affected person from source of contamination.. Rinse the skin immediately with lots of water. Continue to rinse for at least 15 minutes and see medical attention.

EYES: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention.

5. FIRE FIGHTING MEASURES**EXTINGUISHING MEDIA:** This material is not combustible. Use extinguishing media appropriate for surrounding fire.**6. ACCIDENTAL RELEASE MEASURES****SPILL CLEAN UP METHODS:** Stop leak if possible without risk. DO NOT touch spilled material! Absorb in vermiculite, dry sand or earth and place into containers. Flush area with plenty of water. Do not let washing down water contaminate ponds or waterways.**7. HANDLING AND STORAGE**

USAGE PRECAUTIONS: Avoid spilling. Skin and eye contact.

STORAGE PRECAUTIONS: Store away from acids

STORAGE CRITERIA: Corrosive storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME:	CAS No:	STD	LT EXP (8hrs)	ST EXP (15min)
SODIUM HYDROXIDE	1310-73-2	OES.	No std.	2mg/m3

INGREDIENT COMMENTS: OES = Occupational Exposure Standard.

PROTECTIVE EQUIPMENT: Full face shield/Gloves

RESPIRATORS: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

PROTECTIVE GLOVES: Use full length gloves.

EYE PROTECTION: Wear full face shield or visor.

OTHER PROTECTION: Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENIC WORK ROUTINES: DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid	COLOUR:	Milky.
ODOUR/TASTE:	Characteristic. Disagreeable. Irritating.	pH-VALUE, CONC	13.0 - 14.0
SOLUBILITY DESCRIPTION:	Miscible in water.		

10. STABILITY AND REACTIVITY

STABILITY: Normally stable.

HAZARDOUS DECOMPOSITION PRODUCTS: Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

11. TOXICOLOGICAL INFORMATION

INHALATION: Irritating to respiratory system. May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

INGESTION: May cause chemical burns in mouth, oesophagus and stomach. May cause stomach pain or vomiting.

SKIN: Causes burns. Contact with concentrated chemical may cause severe skin damage.

EYES: May cause chemical eye burns.

ROUTE OF ENTRY: Skin and/or eye contact. Inhalation. Ingestion.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS: Sodium Hydroxide is lethal to aquatic life if the pH of the water in which it is present rises to 10.0 or more. Do not allow concentrated chemical to be discharged in to watercourses.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION

UN No:	1760	PACK. INSTRUCTIONS:	P001
PROPER SHIPPING NAME:	CORROSIVE LIQUID, N.O.S. (SODIUM HYDROXIDE)	LIMITED QUANTITIES:	
CLASS NUMBER	8		IMDG: 500 ml
PACKING GROUP	II	EMS:	ADR : LQ22
TRANSPORT CATEGORY:	2	MARINE POLLUTANT:	NO

15. REGULATORY INFORMATION

LABEL FOR SUPPLY: C



RISK PHRASES: R-34 Causes burns

SAFETY PHRASES: S(1/2) Keep Locked up and out of reach of children
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S37/39 Wear suitable gloves and eye/face protection.
S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where Possible)

UK REGULATORY REFERENCES: The Control of Substances Hazardous to Health Regulations 1998.
Chemicals (Hazard Information & Packaging) Regulations 1993.

STATUTORY INSTRUMENTS: Control of Substances Hazardous to Health
Chemicals (Hazard Information & Packaging) Regulations.

APPROVED CODE OF PRACTICE: Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES: Occupational Exposure Limits EH40.
CHIP for everyone

16. OTHER INFORMATION

This document complements the technical usage instructions but does not replace them. The information contained herein is based on our best current technical knowledge of the product concerned, and is given in good faith. The attention of recipients is drawn to (amongst other things) the element of risk consequent to use of the product for a purpose other than that for which it was intended.

In no way does this document remove the need of the recipient of the product to fully understand and apply statutory requirements. It is the recipient's sole responsibility to take due precautions relative to the use made of the product.

All information contained herein is included only to assist the recipient in fulfilling his or her statutory duty connected with the use of hazardous materials.

This list of information must not be considered as exhaustive, and does not exonerate the recipient from taking other precautions described in documents other than those mentioned, concerning the storage and use of the product, for which he or she remains the sole person responsible.