



**5. FIRE FIGHTING MEASURES.**

Product is not flammable, however irritating fumes may be given off in the event of a fire. Treat fires with either dry chemical, foam or waterspray - do not use waterjet.

**6. ACCIDENTAL RELEASE MEASURES.**

Spillages need to be contained to prevent entering watercourse, however small spillages can be rinsed away - use plenty of water. Absorb spillage in inert material e.g. dry sand/earth and transfer into secure plastic container(s) for disposal.

**7. HANDLING AND STORAGE.**

1. Store away from children.
2. Use only according to directions.
3. Do not mix with other chemicals.
4. Always ensure cap is replaced and tightened after use.
5. Do not store in temperatures greater than 35°C or less than 0°C.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION.**

1. Wear safety glasses/ goggles, rubber gloves and protective clothing to prevent possible skin or eye contact.
2. When spraying, use only in well ventilated areas, if breathing in of spray is unavoidable, respiratory protection should be worn.

Exposure levels according to EH40 list issued by HSE:

Occupational Exposure Standard: Sodium hydroxide	L.T.E.L.	8 hours	-	Not set.
	S.T.E.L.	15 minutes	-	2mg/cubic metre

**9. PHYSICAL AND CHEMICAL PROPERTIES.**

9.1 Appearance	:	Clear pale green liquid.
9.2 Odour	:	Citrus.
9.3 pH	:	13.5.
9.4 Density (@20°C)	:	1.086 kg/litre.
9.5 Flash Point	:	Not applicable.
9.6 Solubility in Water	:	Soluble.

**10. STABILITY AND REACTIVITY.**

Product is stable under normal conditions. Alkaline products may react with light metals (such as aluminium, tin or zinc) with the evolution of hydrogen, which is highly flammable.

**11. TOXICOLOGICAL INFORMATION.**

Effects due to overexposure when:

In contact with eyes:	Severe pain, redness, watering. May cause permanent damage.
In contact with skin:	Irritation/pain (also gives soapy feeling to skin). Degreases skin - may lead to redness/cracking. Prolonged contact causes damage.
Ingested:	Sore mouth/throat, abdominal pain, vomiting.
Inhaled:	Sore mouth/throat (only applicable whilst product is being sprayed).

**12. ECOLOGICAL INFORMATION.**

Product is biodegradable.

**13. DISPOSAL CONSIDERATIONS.**

Dispose of according to local regulations.

**14. TRANSPORT INFORMATION.**

Proper Shipping Name: CORROSIVE LIQUID, NOS ( contains Sodium hydroxide and Sodium metasilicate).

U.N. No.	: 1760	Hazard Class.	: 8	Packing Group	: III
ADR Item No.	: 66°(c)	E.M.S No.	: 8 – 15	MFAG	: 760

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CO. REGISTRATION NO. 2139491

**15. REGULATORY INFORMATION.**

Product is classed as IRRITANT under CHIP Regulations.

Risk Phrases:

38 : Irritating to skin.

41 : Risk of serious damage to eyes.

Safety Phrases:

2 : Keep out of reach of children.

23 : Do not breathe spray.

24/25 : Avoid contact with skin and eyes.

26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

46 : If swallowed seek medical advice immediately and show this container label.

51 : Use only in well ventilated areas.

**16. OTHER INFORMATION.**

The responsibility to ensure safe working conditions within the workplace remains with the user. The health hazard and general information contained within this Material Safety Data Sheet are given as a guide to the precautions required to maintain a safe work environment.

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