

Health and Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY.

Product name: SELCHEM SD

Supplier: SELDEN RESEARCH LTD
ASHBOURNE ROAD
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ENGLAND
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Product Description: Heavy Duty Scrubber Drier Detergent.

2. COMPOSITION/INFORMATION AND INGREDIENTS.

An aqueous alkaline blend of non-ionic, cationic and amphoteric surfactants, sequesterants, alkaline builders, dye and perfume.

Hazardous Ingredients:	CAS No:	%w.w.(Range):	Nature of Hazard:
Sodium hydroxide	1310-73-2	1.0 - 5.0	CORROSIVE. (R35 - Causes severe burns)* *See Section 8 re: Exposure Levels
Trisodium nitrilotriacetate (40% solution)	5064-31-3	1.0 - 5.0	IRRITANT (R36 - Irritating to eyes)
Non-ionic surfactant	-	1.0 - 5.0	IRRITANT. (R36/38 - Irritating to eyes & skin)
Cationic surfactant	-	1.0 - 5.0	IRRITANT (R36 - Irritating to eyes)

3. HAZARD IDENTIFICATION.

IRRITANT - Irritating to eyes and skin.

4. FIRST AID MEASURES.

Eyes: Rinse immediately with copious amounts of clean water, holding eye open. Seek medical attention.

Skin: Wash affected area well with soap and water. If irritation persists seek medical attention. Contaminated clothing should be removed and washed before use.

Ingestion: DO NOT INDUCE VOMITING. Rinse mouth out with water. Give water to drink and seek immediate medical attention.

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. Protect eyes from splashes by wearing safety glasses. Protective rubber gloves should also be worn when handling this product.
2. Always maintain a good standard of occupational hygiene when handling chemicals.

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 amber liquid.
- 9.2 Odour: Bouquet.
- 9.3 pH: 13.5.
- 9.4 Density (@20°C): 1.025 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 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: Strong irritation, redness, watering.
- In contact with skin: Irritation (also gives soapy feeling to skin). Degreases skin - may lead to redness/cracking after repeated contact with neat or diluted product.
- Ingested: Sore mouth/throat, abdominal pain..

12. ECOLOGICAL INFORMATION.

Product is considered to be biodegradable.

13. DISPOSAL CONSIDERATIONS.

Dispose of according to local regulations.

14. TRANSPORT INFORMATION.

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

U.N. No. : 1760 Hazard Class. : 8 Packing Group : III

15. REGULATORY INFORMATION.

Product is classed as IRRITANT under CHIP Regulations.

Risk Phrases:

36/38: Irritating to eyes and skin.

Safety Phrases

2 : Keep out of reach of children.

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.

37 : Wear suitable gloves.

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

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.