



Eco-Sure Chemicals CC

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MATERIAL SAFETY DATA SHEET – BC 22 MELKMASJIENSEEP LIQUID

COMPANY DETAILS:

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1. PRODUCT IDENTIFICATION

Trade Name	BC 22	CAS Registry No>	79'79-21-0
Chemical Family	Alkaline	NOISH No.	
Chemical Name	Hydroxide: Chlorine	Hazchem code:	
Product Use	De-Scalling – organic	UN No.	5.2/2131

2. COMPOSITION

CAS No.	Hazardous Components	%	OSHA PEL
7979-21-0	Potassium Hydroxide	Min 15	N/A
	Sodium Hypo Chloride	Min 3.5%	
	Chelating Agents	Min 10%	

3. HAZARDS IDENTIFICATION

Fire	Non Combustible
Inhalation	Vapours severely irritating to nose and throat
Skin Contact	Severe irritation – Cause burns
Eye Contact	Severe irritation – Cause burns
Ingestion	Causes severe distress, including burns of mouth and stomach

4. FIRST AID MEASURES

Inhalation	Move to fresh air. If breathing with difficulty, give oxygen
Skin Contact	Remove contaminated clothing and shoes, flush area with water
Eye Contact	Keep eyes open and flush with water
Ingestion	Give water or milk to drink. DO NOT INDUCE VOMITING
Neutralise	With vinegar

5. FIRE FIGHTING MEASURES

No fire hazard. Flood discharge area with water.

6. ACCIDENTAL RELEASE MEASURES

Small Spills	Flush with water
Large Spills	Flush with water
General	Chlorinated nature of product must be considered in cleaning up.
	Neutralise with vinegar

7. HANDLING AND STORAGE

Storage	Store in cool dry area away from acids
Handling	Protective clothing – Eye Protection and gloves

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal must have protective clothing. In case large scale exposure, self contained breathing apparatus is required. Wear gloves. Keep out of reach of children and unqualified, untrained personal.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear to yellow coloured liquid
pH	In solution 12 – 14
Density	1.0
Solubility (water)	100%

10. STABILITY & REACTIVITY

Stability	Stable if kept cool
Incompatibility	Will corrode soft metals
Hazardous decop. Products	None

11. TOXICOLOGICAL INFORMATION

Toxicity	LD50 = 10mg/kg (Guinea Pig)
Skin & Eye contact	Irritation – Neutralise with vinegar
Carcinogenity	Not pertinent
Mutagenicity	Not pertinent
Reproductive hazard	Not pertinent

12. ECOLOGICAL INFORMATION

Aqua Toxicity

Rainbow Trout	Data not available
Daphnia	Data not available
Algae	Data not available
Biodegradability	Biodegradable

13. DISPOSAL METHODS

Infinite dilution with water.

14. TRANSPORT INFORMATION

Store below 30°C – Handle with care

15. REGULATORY INFORMATION

EEC hazard classification	Not known
Risk identification	Irritant to skin, eyes and respiratory tract.
Contains	Sodium Hypochloride – potassium hydroxide
National Legislation	Not available
Safety	Irrigation with water

16. OTHER INFORMATION

Contact Point: Quality Assurance Manager Nico Beneke: 082 800 32 38

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