

MATERIAL SAFETY DATA SHEET

Rev. No. 000

Company Details

Name	Reinol-Janek Chemicals (Pty) Ltd.	Emergency Phone Number	+27 11 873-1826
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1. Product and Company Identification:

Trade / Commercial Name	SC 200		
Chemical Name	High alkalinity, water based liquid degreaser		
Formula			
Chemical Family			
Synonyms			
Un No	1824 : class 8 : packing group 3	Hazchem Code	
ERG No.		EAC	

2. Composition

Hazardous Components		CAS No.	% (Optional)
	2-Butoxyethanol	111-76-2	<5%
	Sodium Hydroxide	1310-73-2	<4%
A water thin yellow liquid, highly alkaline in character, having a mild detergent odour.			

3. Hazards Identification:

Not regulated.
Not flammable.
Contact with eyes could result in severe burns.
If involved in fire, fire could produce irritating gases.

4. First Aid Measures:

First Aid Skin	Wash thoroughly with water.
First Aid Eyes	Flush eyes with water. Hold eyelids open while washing.
First Aid Ingested	If swallowed do not induce vomiting: seek medical advice immediately and show container or label.
First Aid Inhalation	None required at normal temperature. In case of fumes produced during burning, remove person to fresh air.

5. Fire Fighting Measures:

EXTINGUISHING MEDIA: N/A.
Choose most appropriate for surrounding fire.
UNUSUAL FIRE AND EXPLOSION HAZARDS :
May produce irritating vapours.
CONDITIONS OF FLAMMABILITY : N/A.

6. Accidental Release Measures:

Dilute (substance may be washed to drain with a lot of water).
 Restrict access to area (slip hazard).
SPILL OR LEAK: Collect material for re-use or disposal.

7. Handling and Storage:

Store in cool place, away from heat sources and direct sunlight.
 Good for at least 2 years if stored at room temperature.
 Keep lid closed.

8. Exposure Controls/Personal Protection:

<u>Occupation Exposure Limits</u>	Not established.
<u>Controls</u>	The control measures appropriate for a particular worksite depend on how this material is used. A safety eyewash bottle / fountain should be available.
<u>Personal Protection</u>	RESPIRATORY PROTECTION: N/A. PROTECTIVE GLOVES : Gloves and apron EYE PROTECTION: Safety goggles. The use of elbow length PVC Chemical resistant gloves is recommended. The application of Reinol No 3 Skingard Skin Barrier Cream is recommended before handling SC 200. Ensure adequate ventilation when working with SC 200 in an enclosed area.

9. Physical and Chemical Properties:

A water thin yellow liquid, used as a degreasing agent, having a mild detergent odour.
 A blend of non-ionic surfactants. Alkaline in character.
 Physical State: Liquid
 pH : 13.0 - 14.0
 Boiling Point: Not established.
 Freezing Point: Not established.
 Specific Gravity : 1.040 - 1.065
 Vapour Pressure: N/A.
 Flash Point: None.
 Flammable Limits: N/A.
 Completely soluble in water: Yes.
 Environment: When used in the prescribed manner at the recommended dilutions the product will not be harmful to the environment.
 Packaging: 1 litre Polycans, 5 litre Polycans, 25 litre Polycans, 210 litre Drums and 1000 litre flowbins.

10. Stability and Reactivity:

<u>Conditions to Avoid</u>	Excessive temperatures.
<u>Incompatible Material</u>	Aluminium (will attack aluminium parts). Possible attack of painted surfaces (test prior to use to ascertain safe dilution).
<u>Other</u>	None.

11. Toxicological Information:**EFFECTS OF ACUTE EXPOSURE:**

Inhalation: Catches in throat in high concentrations.

Skin: Defatting could lead to dermatitis, over long periods.

Eyes: Burning sensation.

Ingestion: Discomfort, nausea.

Vapours produced during strong heating or burning, may produce acute effects, especially irritation of eyes, nose and throat.

EFFECTS OF CHRONIC EXPOSURE:

No evidence that this product is a mutagen, carcinogen or teratogen.

12. Ecological Information:

No ecological problems are expected when the product is handled and used with due care.

Major ingredients are biodegradable and will not accumulate in soil or water or cause long term problems.

13. Disposal Considerations:

Disposal Method Product	Disposal in accordance with local legal provisions.
Disposal Method Packaging	Disposal in accordance with local legal provisions.

14. Transport Information:

EAC		ERG No.	
IMDG Code	N/A	IMDG-Packaging Group	N/A
Marine Pollutant	no		
Class	N/A	Not regulated	
Subsidiary Risks	N/A		
Tremcard Number	N/A		

15. Regulatory Information:

EEC Hazard Classification	8
Risk Phases	Causes burns. Irritating to respiratory system.
Safety Phases	Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
National Legislation	

16. Other Information:

Reason for Alteration: General update: June 2022 (as per SABS 1344 & 1828 specification requirements.)

Next scheduled update: June 2024 (as per SABS 1344 & 1828 specification requirements.)

The information contained herein is based on the present state of our knowledge.

It characterizes the product with regard to the appropriate safety precautions.

All information is given in good faith but without guarantee in respect of accuracy.

Users must familiarise themselves with the information contained in the MSDS and determine usability and suitability prior to commencing use of the product.