

MATERIAL SAFETY DATA SHEET

Rev. No. 001

Company Details

Name	Reinol-Janek Chemicals (Pty) Ltd.	Emergency Phone Number	+27 11 873-1826
Address	35 Mopedi Road Sebenza Edenvale 1609	Tel e-mail	+27 11 873-1826 info@reinol.co.za 0861 REINOL 0861 734665

1. Product and Company Identification:

Trade / Commercial Name	Sterigent		
Chemical Name	Non-hazardous liquid, miscible in water.		
Formula	Complies with NRCS Reg. No. Act5GNR529/204915/040/0036		
Chemical Family			
Synonyms			
Un No			Hazchem Code
ERG No.			EAC

2. Composition

	CAS No.	% (Optional)	LD/50, Route, Species	LC/50
Hazardous Components	QAC 50	<4,5%		
	EDTA	60-00-4	<1.5%	

3. Hazards Identification:

<p>Not hazardous. Not regulated. Not flammable. Contact will irritate eyes. If involved in fire, fire could produce irritating gases.</p>

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:

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

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.

9. Physical and Chemical Properties:

A water thin clear liquid, used as a sterilizing agent, having a mild detergent odour.
 Alkaline in character.
 Physical State: Liquid.
 pH : 10.0 - 12.5
 Boiling Point: Not established.
 Freezing Point: Not established.
 Specific Gravity : 0.950 - 1.060
 Vapour Pressure: N/A.
 Flash Point: None.
 Flammable Limits: N/A.
 Completely soluble in water: Yes.
 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>	Not established
<u>Other</u>	None.

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

Inhalation: none

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.

13. Disposal Considerations:

<u>Disposal Method Product</u>	Disposal in accordance with local legal provisions.
<u>Disposal Method Packaging</u>	Disposal in accordance with local legal provisions.

14. Transport Information:

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

15. Regulatory Information:

<u>EEC Hazard Classification</u>	N/A.
<u>Risk Phases</u>	NONE.
<u>Safety Phases</u>	NONE.
<u>National Legislation</u>	NOT CONTROLLED.

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.**