

**MATERIAL SAFETY DATA SHEET**

Rev. No. 004

**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	<b>Reinol Hand Cleaner</b>		
Chemical Name	Non-hazardous paste miscible in water.		
Formula			
Chemical Family			
Synonyms			
Un No		Hazchem Code	
ERG No.		EAC	

**2. Composition**

	None.
Hazardous Components	Reinol is a yellowish grey paste containing a mixture of soft soap and natural oils obtained from renewable agricultural resources such as non-edible sunflower seed, maize-seed and soya bean oil. It does contain a small amount of coconut diethanolamide. Contains rounded inert quartz silica. Has an almond odour.

**3. Hazards Identification:**

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

**4. First Aid Measures:**

First Aid Skin	None likely to be required.
First Aid Eyes	Flush eyes with water. Hold eyelids open while washing.
First Aid Ingested	Unlikely route of exposure. Small amounts not injurious. Larger amounts call physician if indisposed.
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:

Breathing apparatus for fire only.  
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 or more if stored at room temperature.  
Keep lid closed.

## 8. Exposure Controls/Personal Protection:

Occupation Exposure Limits	N/A.
Controls	A safety eye wash bottle/fountain should be available in the immediate work area.
Personal Protection	RESPIRATORY PROTECTION: N/A. PROTECTIVE GLOVES: Not required. EYE PROTECTION : N/A.

## 9. Physical and Chemical Properties:

Yellowish / grey paste with an almond odour. Containing a mixture of soft soap and natural oils obtained from renewable agricultural resources such as non-edible sunflower seed, maize-seed and soya bean oil. It does contain a small amount of coconut diethanolamide  
Contains rounded inert quartz silica.  
Physical State: Yellowish / Grey paste.  
Active Ingredients : 92%  
pH : 9.5 - 10.5  
Solvents: None.  
Boiling Point: Not established.  
Freezing Point: Not established.  
Vapour Pressure: N/A.  
Flash Point: None.  
Flammable Limits: N/A.  
Specific Gravity : 1.300 - 1.500  
Evaporation at ambient: Negligible.  
Miscibility in water: Apart from the silica component miscibility is complete.  
Environment: When used in the prescribed manner at the recommended dilutions the product will not be harmful to the environment.  
Packaging: 250ml Tub, 500ml Tub, 1L Tub, 2L Tub, 2L Cartridge and 10L Bucket.

## 10. Stability and Reactivity:

Conditions To Avoid	Completely stable.
Incompatible Material	Not established.
Other	None.

## 11. Toxicological Information:

EFFECTS OF ACUTE EXPOSURE:  
Not harmful at room temperature.  
However, vapours produced during burning, may irritate eyes.  
Ingestion: Possible mild nausea.  
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:**

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

**15. Regulatory Information:**

EEC Hazard Classification	N/A.
Risk Phases	NONE.
Safety Phases	NONE.
National Legislation	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.**