



# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## TC EnrichedLotion Antibacterial Hand Cleaner

Revision 1  
Revision date 14-Mar-2011

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** TC EnrichedLotion Antibacterial Hand Cleaner  
**Intended use** For handwashing to reduce bacteria on the skin.  
**Company** Technical Concepts International Ltd  
Halifax Avenue  
Fradley Park,  
Lichfield,  
WS13 8SS  
sds.technical-concepts@newellco.com  
www.rubbermaid.eu  
**Telephone** UK: +44 2030 279 050 EU: +44 2030 279 353  
**Fax** UK: +44 2030 279 352 EU: +44 2030 279 354  
**Informing Department** Technical Services Department.  
A Newell Rubbermaid Company.

### 2. HAZARDS IDENTIFICATION

**Classification system** The product meets the criteria laid down in the European Directive for Cosmetics products 76/768/EEC.  
Not classified as hazardous according to 67/548/EEC and 99/45/EC.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Description** Mixture of water, mild surfactants, disinfectant and preservative. In accordance with current EC Directives this product must be considered as a Cosmetic Product and conforms with the requirements of the EC Cosmetics Directive 76/768EEC. Information on the composition may be found in the ingredients declaration on the packaging.

#### Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Ethanol	1-10%	64-17-5	200-578-6	F; R11

### 4. FIRST AID MEASURES

**Skin contact** Product is designed for routine washing of hands and may be used elsewhere on the skin within reason. In either case, the product should be rinsed away thoroughly, followed by drying. In the event of accidental exposure, remove any affected clothing and launder before re-use. Wash residues from skin, then dry thoroughly. If symptoms develop or persist, consult a doctor.

**Eye contact** Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.

**Inhalation** Unlikely to occur when used as directed.

**Ingestion** Unlikely to occur when used as directed. Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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## 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Not flammable, but if involved in a fire, the primary container and supplementary packaging may generate noxious and irritating fumes, including carbon monoxide, as with any organic material. Carbon dioxide (CO <sub>2</sub> ) Powder. Water. Foam.
<b>Protective equipment</b>	Wear suitable protective equipment. Wear suitable respiratory equipment when necessary.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Wear suitable protective equipment. Keep personnel away from spill. Surfaces contaminated with the product will become slippery.
<b>Environmental precautions</b>	More than 90% biodegradable.
<b>Clean up methods</b>	Absorb with inert, absorbent material.

## 7. HANDLING AND STORAGE

<b>Handling</b>	No special precautions, except to be aware that spillages will make floors slippery.
<b>Storage</b>	Store in a cool, dry area. Do NOT allow to freeze.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure limits</b>	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.	
	Ethanol	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: -
		WEL 8-hr limit mg/m <sup>3</sup> : 1920 WEL 15 min limit mg/m <sup>3</sup> : -
<b>Hand protection</b>	Not required when used as directed. Wash hands after handling the product. Seek medical attention if irritation or symptoms persist.	
<b>Eye protection</b>	Not normally required.	
<b>Protective equipment</b>	Wear suitable protective equipment.	

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Characteristic.
<b>pH</b>	4 - 6
<b>Boiling point</b>	> 100°C
<b>Flash point</b>	>93.3°C
<b>Relative density</b>	1.0239 - 1.1239 g/cm <sup>3</sup>
<b>Viscosity</b>	2000 - 6000 mPa.s
<b>Autoignition temperature</b>	Product is not self-igniting.
<b>Further information</b>	Product does not support combustion.

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions. Will not decompose if stored and used as recommended.
<b>Conditions to avoid</b>	Do NOT allow to freeze.
<b>Hazardous decomposition products</b>	Carbon oxides.

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## 11. TOXICOLOGICAL INFORMATION

**Toxicological information** The product meets the criteria laid down in the European Directive for Cosmetics products 76/768/EEC. Non-toxic; taken internally may produce gastro-intestinal irritation and discomfort.

Ethanol Oral Rat LD50 = 6200 - 17800 mg/kg

**Corrosivity** No irritation expected.

**Repeated or prolonged exposure** Non-irritant, though prolonged use will decrease the skin to some extent, which may then leave the skin of a few particularly sensitive individuals more susceptible to other irritants.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Ethanol Algae IC50/72h = 5000 mg/l  
Fish LC50/96h = 11400 mg/l

**Further information** Product is based on biodegradable materials, and examination of the formula suggests a low ecological impact if handled correctly. Do not allow undiluted product to reach ground water or water courses.

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

## 13. DISPOSAL CONSIDERATIONS

**General information** Dispose of in compliance with all local and national regulations.

**Disposal of packaging** Containers can be recycled if in compliance with local and national regulations.

## 14. TRANSPORT INFORMATION

**Further information** The product is not classified as dangerous for carriage.

## 15. REGULATORY INFORMATION

**Labelling** The product meets the criteria laid down in the European Directive for Cosmetics products 76/768/EEC.  
Not classified as hazardous according to 67/548/EEC and 99/45/EC.

## 16. OTHER INFORMATION

**Text of risk phrases in Section 3** R11 - Highly flammable.

**Informing Department** Mr. K. Anderson Technical Services Department.

**Data sources** Raw Material Data Sheets.

**Further information** The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

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