

Safety Data Sheet

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REVISION (see box 16)

Issue : 02 05 : 11 : 2009

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	
PRODUCT NAME	HAND SANITIZER
DESCRIPTION	A clear, colourless, alcohol-based gel used for sanitising the hands.
COMPANY	Rentokil Initial Supplies, Liverpool, L33 7SR. Product advice line: 0151 548 5050 Emergency line: +44 (0)1293 858 000 E-mail: sds@rentokil.com

2 HAZARD IDENTIFICATION	
CLASSIFICATION (SUPPLY – USE) : IN COMPLIANCE WITH UK CPSR (COSMETIC PRODUCTS (SAFETY) REGULATIONS, 2004) AS AMENDED / EC DIRECTIVE 93/35	
F Highly Flammable	R11 Highly Flammable
ADVERSE PHYSICAL, CHEMICAL, SIGNIFICANT HUMAN HEALTH AND ENVIRONMENTAL EFFECTS (SEE ALSO BOX 11):	
This product is highly flammable.	
No other significant adverse effects expected under normal conditions of handling and use.	

3 COMPOSITION / INFORMATION ON INGREDIENTS (SEE ALSO BOX 16)	
INCI NOMENCLATURE OF INGREDIENTS (LISTED IN DESCENDING ORDER OF CONCENTRATION)	EC 93/35: SCHEDULE I (PROHIBITED LIST) & SCHEDULE II (RESTRICTED LIST)
Alcohol Aqua Methyl alcohol t-Butyl alcohol	All the components of this cosmetic product which are listed under Schedule II of CPSR are present in accordance with the relevant restrictions.

HAND SANITIZER

4 FIRST-AID MEASURES (SEE ALSO “ADVERSE EFFECTS” IN BOX 2)	
INHALATION	Remove patient to fresh air, keep warm and at rest. Apply supportive measures if necessary and seek medical attention.
EYE CONTACT	Rinse affected eye with clean running water, or eyewash solution, for at least 15 minutes holding eyelids well apart. Rinse entire surface and do not allow run-off to contaminate unaffected eye. Seek medical attention.
SKIN CONTACT	Remove and wash contaminated clothing immediately. Wash affected area thoroughly with soap and water. If the patient feels unwell seek medical advice.
INGESTION (SWALLOWING)	Do NOT induce vomiting. If unconscious place in the recovery position and apply supportive measures if necessary. If conscious give patient up to ½ litre or 1 pint of water to drink. Seek medical attention.
EMERGENCY EQUIPMENT SUGGESTED	Appropriate first-aid equipment should be provided. For the UK this should be in accordance with the Health & Safety (First-Aid) Regulations 1981. See also the Approved Code of Practice “First-aid at Work”.
NOTE TO DOCTOR	Further information on all Rentokil Initial formulations is lodged with the National Poisons Information Service in the UK.

5 FIRE FIGHTING MEASURES	
FIRE EXTINGUISHER TYPE	Use carbon dioxide, foam, water, dry powder extinguishers.
SPECIAL FIRE-FIGHTING PROCEDURES	Wear suitable personal protective equipment and self-contained positive pressure breathing apparatus.
SPECIAL EXPOSURE HAZARDS	Thermal decomposition produces carbon oxides.


6 ACCIDENTAL RELEASE MEASURES	
PERSONAL PRECAUTIONS (See also box 8)	Wear suitable personal protective equipment.
ENVIRONMENTAL PRECAUTIONS	Keep away from drains, surface and ground water, and soil.
CLEAN-UP PROCEDURE (See also box 13)	Absorb spill with an inert material such as sand, earth or sawdust. Transfer to a suitable container for subsequent disposal.

7 HANDLING AND STORAGE (SEE ALSO BOX 8)	
HANDLING	Keep away from heat and sources of ignition. Ground all equipment containing material.
STORAGE	Store in original container in a cool, dry, ventilated place out of the reach of children and away from food, drink and animal feeding stuffs. Keep in a segregated, approved area. Avoid sources of ignition.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION	
EXPOSURE STANDARD - DIRECTIVE EC/98/24 (1ST IOELV DIRECTIVE)	Workplace Exposure Limit (WEL) for alcohol is 1920 mg/m ³ long-term exposure (8 hour Time Weighted Average). Alcohol is referred to as ethanol in Directive EC/98/24 (1 ST IOELV Directive). Workplace Exposure Limit (WEL) for methyl alcohol is 266 mg/m ³ long-term exposure (8 hour Time Weighted Average) and 333 mg/m ³ short-term exposure (15 minute reference period). Methyl alcohol is referred to as methanol in Directive EC/98/24 (1 ST IOELV Directive).
ENGINEERING CONTROLS	Where exposure may occur, engineering controls, rather than the provision of Personal Protective Equipment (PPE) should be employed. On completion of a risk assessment, the following PPE may be required:
EYE PROTECTION	Not indicated by product classification.
HAND PROTECTION	Not indicated by product classification.
SKIN PROTECTION	Not indicated by product classification.
BREATHING PROTECTION	Not indicated by product classification.
ENVIRONMENTAL EXPOSURE CONTROLS	Use only in accordance with instructions given.

9 PHYSICAL AND CHEMICAL PROPERTIES			
APPEARANCE AND ODOUR	Clear, colourless, liquid gel with an alcohol like odour.		
pH	7	SOLUBILITY IN WATER	Soluble.
TAP DENSITY	0.82 g/cm ³	SOLUBILITY IN FAT	Methanol, acetone.
BULK DENSITY		EXPLOSIVE PROPERTIES	Not determined.
SPECIFIC GRAVITY		COMBUSTIBILITY	Combustible.
FLASH POINT	17.5°C (Closed cup)	OXIDISING PROPERTIES	Not determined.
FLAMMABILITY	Highly flammable.	EVAPORATION RATE	9.2 (ethanol) compared to butyl acetate.
BOILING POINT/RANGE	78°C	PARTITION COEFFICIENT	Not applicable.
VAPOUR DENSITY	1.59	OTHER DATA	Autoignition temperature: 365°C
VAPOUR PRESSURE	5.7 kPa at 20°C		
VISCOSITY	Dynamic: 1.2 cP		

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14 TRANSPORT INFORMATION (INTERNATIONAL UNLESS OTHERWISE INDICATED)			
UN No.	UN1170		RIS CODE
TRANSPORT CATEGORY	2	UK HAZCHEM EAC 2YE	FM110
ADR 2009 (INTERNATIONAL ROAD) PROPER SHIPPING NAME	CLASS 3 ADR HIN 33		LABELS 
LIMITED QUANTITY EXEMPTIONS	ETHANOL SOLUTION Maximum quantity per inner receptacle is 3 litres. Maximum quantity per outer package is 30 kg. Combination packs only.		
SPECIAL REQUIREMENTS	Not required. PACKING GROUP II		4 x 1 litre
IMDG 2008 (SEA) PROPER SHIPPING NAME	CLASS 3 IMDG EMS F-E, S-D		
LIMITED QUANTITY EXEMPTIONS	ETHANOL SOLUTION Maximum quantity per inner receptacle is 3 litres. Maximum quantity per outer package is 30 kg. Combination packs only.		
SPECIAL REQUIREMENTS	Not required. PACKING GROUP II		
NOTE FOR TRANSPORT	Local, State or National requirements may apply to the carriage of this product.		

15 REGULATORY INFORMATION (HEALTH AND SAFETY INFORMATION (SEE ALSO BOX 2))	
ADDITIONAL LABEL PHRASES	None required.
LEGISLATION	<p>This product has been assessed and is considered to be safe for its intended use in accordance with the Cosmetic Products (Safety) Regulations 2004 and the Cosmetic (Safety) (Amendment) Regulations 2005, in the UK.</p> <p>Additional labelling requirements may be necessary in accordance with other National legislation. Outside the UK, the registration of this product may be necessary before use and any additional local requirements must be observed at all times.</p> <p>The information given on this Safety Data Sheet (SDS) does not constitute an assessment in accordance with Control of Substances Hazardous to Health (COSHH) Regulations 2002, in the UK. Other National measures or guidance should be followed where appropriate.</p>

16 OTHER INFORMATION and indication of revisions	
PACKAGING INFORMATION	A white, 1 litre, plastic container.
REVISIONS	Changes have been made to the content of boxes 01, 13, 14 & 16 (as indicated by the thick lines on the left-hand side of the boxes) compared with issue nn.
RISK PHRASE TEXT (from box 3)	Risk phrases are not required.

Hand Sanitizer

SDS No. 960

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Before using any product, ensure that you read and understand its label.

The information contained in this safety data sheet is, to the best of our knowledge and belief, accurate and reliable at the time of publication. The information relates only to the specific material designated in this safety data sheet and may not be valid for such material if it is used in combination with any other material(s) or any other use than that specified herein. Rentokil Initial UK Ltd is not liable for the use of this product for any other purpose than that described in this safety data sheet. This does not affect your statutory rights. It is the user's responsibility to satisfy him/herself as to the suitability in completeness of such information for his/her own particular use.