

Safety Data Sheet

NOTE: Access to a copy of this Safety Data Sheet (SDS) via our Website does not constitute the issue of a controlled Copy under EU legislation. To be issued with such a copy please contact Rentokil Initial at the address below by telephone, fax or in writing. In order to confirm the latest version of the SDS for this product see web: www.ri-research.com and click on Technical Information / Product Safety.

REVISION (see box 16)

Issue : 01 09 : 06 : 2006

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY	
PRODUCT NAME	ALCOHOL HAND RUB
DESCRIPTION	A clear, slightly viscous liquid with an alcohol-like odour. For use as a hand sanitizer.
COMPANY	Manufactured for Initial Medical Services by: Guest Medical Ltd., Enterprise Way, Edenbridge, Kent. TN8 6EW. United Kingdom. For safety or regulatory enquires telephone: +44 (0) 1342 833022. For your local Medical Services branch telephone: 0870 850 4505.

2 HAZARD IDENTIFICATION
CLASSIFICATION (SUPPLY – USE) : IN COMPLIANCE WITH UK CPSR (COSMETIC PRODUCTS (SAFETY) REGULATIONS, 2004) AS AMENDED / EC DIRECTIVE 93/35
Flammable
ADVERSE PHYSICAL, CHEMICAL, SIGNIFICANT HUMAN HEALTH AND ENVIRONMENTAL EFFECTS (SEE ALSO BOX 11):
This product is flammable. Keep away from heat, sparks and open flame. 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)
Ethanol Demin water Monopropylene glycol Carbomer Isopropyl myristate Glycerine BP Tocopheryl acetate	None of the components in this cosmetic product are listed under Schedule I or II of EC 93/35.

ALCOHOL HAND RUB

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 water, spray, fog or alcohol resistant foam extinguishers.
SPECIAL FIRE-FIGHTING PROCEDURES	Wear suitable personal protective equipment.
SPECIAL EXPOSURE HAZARDS	Oxides of carbon released on decomposition.

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	No specific handling requirements.
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.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION	
EXPOSURE STANDARD - DIRECTIVE EC/98/24 (1ST IOELV DIRECTIVE)	Workplace Exposure Limit (WEL) for ethanol is 1920 mg/m ³ long-term exposure (8 hour Time Weighted Average).
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	None necessary during normal handling and use.
HAND PROTECTION	None necessary during normal handling and use.
SKIN PROTECTION	None necessary during normal handling and use.
BREATHING PROTECTION	None necessary during normal handling and use.
ENVIRONMENTAL EXPOSURE CONTROLS	Use only in accordance with instructions given. An ecological hazard assessment indicates no specific restrictions on environmental release.

9 PHYSICAL AND CHEMICAL PROPERTIES			
APPEARANCE AND ODOUR	A clear, slightly viscous liquid with an alcohol-like odour.		
pH	7	SOLUBILITY IN WATER	Miscible.
DENSITY	0.9 at 20°C	SOLUBILITY IN FAT	Miscible with oxygenated solvents.
FLASH POINT	22°C	EXPLOSIVE PROPERTIES	None.
FLAMMABILITY	Flammable.	COMBUSTIBILITY	Combustible.
BOILING POINT/RANGE	Starts at 78°C	OXIDISING PROPERTIES	None.
VAPOUR DENSITY	Not determined.	EVAPORATION RATE	Not determined.
VAPOUR PRESSURE	Not determined.	PARTITION COEFFICIENT	Not applicable.
VISCOSITY	Not determined.	OTHER DATA	None.

ALCOHOL HAND RUB

10 STABILITY AND REACTIVITY

CONDITIONS TO AVOID	Avoid extremes of temperature, e.g. below 0°C and above 40°C.
MATERIALS TO AVOID	Avoid contact with strong oxidising agents.
HAZARDOUS BREAKDOWN PRODUCTS	Oxides of carbon released on decomposition.

11 TOXICOLOGICAL INFORMATION (SEE ALSO BOX 2)

ACUTE TOXICITY	ORAL	Not determined.
	INHALATION	Not determined.
	DERMAL	Not determined.
CORROSIVITY/ IRRITATION	SKIN	Excessive exposure can result in slight irritation.
	EYES	May cause irritation to eyes on contact.
	RESPIRATORY TRACT	Prolonged exposure to high concentrations of vapour may cause irritation to the nose, throat and respiratory tract.
SENSITISATION	SKIN	Contains no known skin sensitisers.
	RESPIRATORY	Contains no known respiratory sensitisers.
REPEAT-DOSE TOXICITY		Product does not contain any components known to have any effects relating to repeated-dose toxicity.
MUTAGENICITY		Product does not contain any components known to have a mutagenic effect.
CARCINOGENICITY		Product does not contain any components known to have a carcinogenic effect.
REPRODUCTIVE TOXICITY	FERTILITY DEVELOPMENT	Product does not contain any components known to have effects on fertility.
OTHER INFORMATION		Product does not contain any components known to be toxic to the reproductive system.
		None known.


12 ECOLOGICAL INFORMATION

GENERAL INFORMATION	This product does not contain any substances that are classified as dangerous to the environment. Controlled release of this product is not expected to cause environmental contamination. Use only in accordance with instructions given.
ECOTOXICITY DATA	Not determined.
MOBILITY	This product will dissolve rapidly in water. It is poorly absorbed into soils and sediments.
PERSISTENCE AND DEGRADABILITY	This product is completely biodegradable.
BIOACCUMULATIVE POTENTIAL	This product is not expected to bioaccumulate.
OTHER ADVERSE EFFECTS	None.

13 DISPOSAL CONSIDERATIONS

DISPOSAL OF WASTE / CONTAINERS	Ensure this product is disposed of as hazardous waste, in accordance with the appropriate regulations.
CLASSIFICATION (Council Directive 91/689/EC, Commission Decision 2000/532/EC (amended) Commission Decision 2001/118/EC))	Hazard Code: H3B – Flammable.
NOTE FOR DISPOSAL	<u>Components making the waste hazardous</u> <u>Concentrations (%)</u> : Ethanol >50.0 ≤100.0
	For further advice about disposal, in the UK, contact the local office of the Environment Agency (England and Wales) or Scottish Environment Protection Agency. Local rate from anywhere in the UK: +44 (0) 870 850 6506.

ALCOHOL HAND RUB

14 TRANSPORT INFORMATION (INTERNATIONAL UNLESS OTHERWISE INDICATED)				
UN No.	UN1170	TREMCARD REFERENCE No.	CEFIC TEC (R)- 30GF1-III	RIS CODE
TRANSPORT CATEGORY	3	UK HAZCHEM EAC	Not required.	N/A
ADR 2005 (INTERNATIONAL ROAD) PROPER SHIPPING NAME	CLASS 3	ADR HIN	30	LABELS 
LIMITED QUANTITY EXEMPTIONS	ETHANOL SOLUTION Maximum quantity per inner receptacle is 5 litres. Maximum quantity per outer package is 30 litres. Combination packs only.			
SPECIAL REQUIREMENTS	Not required. PACKING GROUP III			
IMDG 2004 (SEA) PROPER SHIPPING NAME	CLASS 3	IMDG EMS	F-E, S-D	
LIMITED QUANTITY EXEMPTIONS	ETHANOL SOLUTION Maximum quantity per inner receptacle is 5 litres. Maximum quantity per outer package is 30 litres. Combination packs only.			
SPECIAL REQUIREMENTS	Not required. PACKING GROUP III			
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))	
SAFETY PHRASES	S2 Keep out of the reach of children.
ADDITIONAL LABEL PHRASES	None.
LEGISLATION	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. 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. 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 sort where appropriate.

16 OTHER INFORMATION and indication of revisions	
PACKAGING INFORMATION	A tottle (small bottle with clip fastening), containing 50mL.
REVISIONS	Not applicable.
RISK PHRASE TEXT (from box 3)	Risk phrases are not required.

ALCOHOL HAND RUB

SDS No. 889

Issue : 01

09 : 06 : 2006

Page 4 of 4

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.

Copyright © (2006) Rentokil Initial plc, R&D, Felcourt, East Grinstead, West Sussex. RH19 2JY. United Kingdom.

Telephone: +44 (0) 1342 833022 Fax: +44 (0) 1342 326229 Web: www.ri-research.com