

**SAFETY DATA SHEET**  
**ACCORDING TO 1907/2006/EC, ARTICLE 31**  
**CLEANPRO ALCOHOL HAND GEL**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1: PRODUCT IDENTIFIER**

<b>Product Name</b>	CleanPro Alcohol Hand Gel
<b>Other means of identification</b>	Hand Gel Sanitising Hand Rub Alcohol Hand Sanitiser UFI No: JKF4-S0Q5-W00N-1TJY

**1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST**

<b>Identified uses</b>	Alcohol based, ready to use water soluble, gel hand disinfectant
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**1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

<b>Supplier</b>	Booker Group
<b>Address</b>	Equity House Irthlingborough Road Wellingborough Northants NN8 1LT
<b>Web</b>	www.booker.co.uk
<b>Telephone</b>	01933 371000
<b>Supplier Address</b>	Makro 97 Kingsway Dunmurry Belfast BT17 9NS NI
<b>Telephone</b>	01933 371000
<b>Email</b>	Customer.relations@booker.co.uk
<b>Email address of the competent person</b>	Customer.relations@booker.co.uk

**1.4 EMERGENCY TELEPHONE NUMBER**

<b>Emergency telephone number</b>	0870 190 6777
<b>Further information</b>	Out of Office Hours Emergency Hours Information- For accident and spillages involving this product that pose a threat to the environment, or human health, or require immediate first aid advise please call:- 0870 190 6777


<b>Uses advised against</b>	Note this number will not provide technical details of the product, or deal with other general enquires regarding application and use of the product.
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**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**

<b>2.1.1 Classification – 1999/45/EC</b>	
<b>Physical Hazards</b>	FLAM. LIQ. 2 – H225.
<b>Health hazards</b>	EYE IRRIT. 2 – H319 STOT SE 3 – H336.
<b>Environmental Hazards</b>	NOT CLASSIFIED.

**2.2 LABEL ELEMENTS**

<b>Symbols</b>	
<b>Signal word</b>	DANGER
<b>Hazard statement</b>	H225 HIGHLY FLAMMABLE LIQUID AND VAPOUR H319-CAUSES SERIOUS EYE IRRITATION H336 MAY CAUSE DROWSINESS OR DIZZINESS
<b>Precautionary</b>	P102-KEEP OUT OF REACH OF CHILDREN. P261- AVOID BREATHING VAPOURS. P210 KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING. P301- IF SWALLOWED: P313 GET MEDICAL ADVICE/ATTENTION.

<b>Contains</b>	<p>P305+P351+P338- IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.</p> <p>P337+P313 IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.</p> <p>P370+P378 IN CASE OF FIRE: USE FOAM, CARBON DIOXIDE OR DRY POWDER TO EXTINGUISH.</p> <p>P403+P235 STORE IN A WELL-VENTILATED PLACE. KEEP COOL.</p> <p>P501 DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL REGULATIONS.</p> <p>PROPAN-2-OL</p>
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### 2.3 OTHER HAZARDS

<b>Other hazards</b>	This product does not contain any substances classified as PBT or vPvB
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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	Range	EC No	CAS No	Reach No/Submission No	Classification according to 67/548/EEC
PROPAN-2-OL	60-100%	200-661-7	67-63-0	01-2119457558-25-XXXX	FLAM. LIQ. 2-H225 EYE IRRIT. 2-H319 SOTO SE 3-H336

THE FULL TEXT FOR ALL R-PHRASES AND HAZARD STATEMENTS ARE DISPLAYED IN SECTION 16.

### SECTION 4: FIRST AID MEASURES

#### 4.1 DESCRIPTION OF FIRST AID MEASURES

<b>Inhalation</b>	MOVE AFFECTED PERSON TO FRESH AIR AT ONCE. GET MEDICAL ATTENTION IF ANY DISCOMFORT CONTINUES.
<b>Eye contact</b>	RINSE IMMEDIATELY WITH PLENTY OF WATER. REMOVE ANY CONTACT LENSES AND OPEN EYELIDS WIDE APART. CONTINUE TO RINSE FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF ANY DISCOMFORT CONTINUES.
<b>Skin Contact</b>	RINSE WITH WATER.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. GIVE PLENTY OF WATER TO DRINK. GET MEDICAL ATTENTION.

#### 4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

<b>Inhalation</b>	VAPOURS MAY CAUSE DROWSINESS AND DIZZINESS.
<b>Eye contact</b>	MAY CAUSE TEMPORARY EYE IRRITATION. PROLONGED CONTACT MAY CAUSE REDNESS AND/OR TEARING.
<b>Skin Contact</b>	NO SPECIFIC SYMPTOMS KNOWN. BUT PROLONGED OR EXCESSIVELY REPEATED SKIN CONTACT COULD LEAD TO REMOVAL OF NATURAL OILS FROM SKIN.
<b>Ingestion</b>	MAY CAUSE DISCOMFORT IF SWALLOWED.

#### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

<b>Notes for the doctor.</b>	TREAT SYMPTOMATICALLY.
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### GENERAL INFORMATION

### SECTION 5: FIREFIGHTING MEASURES

## 5.1 EXTINGUISHING MEDIA

<b>Suitable extinguishing media</b>	EXTINGUISH WITH THE FOLLOWING MEDIA: FOAM, CARBON DIOXIDE OR DRY POWDER.
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## 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

<b>Specific hazards</b>	MAY EXPLODE WHEN HEATED OR WHEN EXPOSED TO FLAMES OR SPARKS.
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## 5.3 ADVICE FOR FIREFIGHTERS

<b>Special protective equipment for firefighters</b>	KEEP CONTAINER COOL BY SPRAYING WITH WATER TO REDUCE EXPLOSION RISKS. WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING.
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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

<b>Personal precautions</b>	AVOID CONTACT WITH EYES. AVOID INHALATION OF VAPOURS. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE.
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### 6.2 ENVIRONMENTAL PRECAUTIONS

<b>Environmental precautions</b>	SPILLAGES OR UNCONTROLLED DISCHARGES INTO WATERCOURSES MUST BE REPORTED IMMEDIATELY TO THE ENVIRONMENTAL AGENCY OR OTHER APPROPRIATE REGULATORY BODY.
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### 6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

<b>Methods for cleaning up</b>	SMALL SPILLAGES; FLUSH AWAY SPILLAGE WITH PLENTY OF WATER. LARGE SPILLAGES; CONTAIN AND ABSORB SPILLAGE WITH SAND, EARTH OR OTHER NON-COMBUSTIBLE MATERIAL. COLLECT AND PLACE IN SUITABLE WASTE DISPOSAL CONTAINERS AND SEAL SECURELY.
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### 6.4 REFERENCE TO OTHER SECTIONS

<b>Reference to other sections</b>	FOR PERSONAL PROTECTION, SEE SECTION 8.
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## FURTHER INFORMATION

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## SECTION 7: HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

<b>Usage precautions</b>	AVOID CONTACT WITH EYES. AVOID INHALATION OF VAPOURS. ELIMINATE ALL SOURCES OF IGNITION.
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### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

<b>Storage precautions</b>	KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.
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### 7.3 SPECIFIC END USE(S)

<b>Specific end use (s)</b>	SEE PRODUCT INFORMATION SHEET & OR LABEL FOR DETAILED USE OF THIS PRODUCT.
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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

<b>Occupational exposure limits</b>	<b>PROPAN-2-OL</b> LONG –TERM EXPOSURE LIMIT (8 HOUR TWA): WEL 400 PPM 999 MG/M3. SHORT –TERM EXPOSURE LIMIT (15-MINUTE): WEL 500 PPM 1250 MG/M3. WEL = WORKPLACE EXPOSURE LIMIT
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## 8.2 EXPOSURE CONTROLS

<b>Appropriate engineering controls</b>	ALL HANDLING SHOULD TAKE PLACE IN WELL-VENTILATED AREAS.
<b>Eye/face protection</b>	NONE REQUIRED IF CARE IS TAKEN NOT TO SPLASH IN EYES WHEN POURING OR USING.
<b>Hand protection</b>	HAND PROTECTION NOT REQUIRED.
<b>Other skin and body protection</b>	NONE REQUIRED.
<b>Respiratory protection</b>	RESPIRATORY PROTECTION NOT REQUIRED.
<b>Thermal hazards</b>	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	GEL
<b>Colour</b>	CLEAR. COLOURLESS.
<b>Odour</b>	ALCOHOLIC.
<b>pH</b>	PH (CONCENTRATED SOLUTION): 5.5
<b>Melting point</b>	< -10 C.
<b>Initial Boiling point and Range.</b>	85-90C @ 760MM Hg.
<b>Flash point</b>	19C. MEASURED USING TEST METHOD, PMCC (PENSKY-MARTENS CLOSED CUP).
<b>Relative density</b>	0.864 @ 20C.
<b>Solubility</b>	SOLUBLE IN WATER.

### 9.2 OTHER INFORMATION

<b>Surface tension</b>	NONE.
<b>Gas group</b>	
<b>Benzene content</b>	
<b>Lead content</b>	
<b>VOC (volatile organic compounds)</b>	

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 REACTIVITY

<b>Reactivity</b>	THERE ARE NO KNOWN REACTIVITY HAZARDS ASSOCIATED WITH THIS PRODUCT.
<b>10.2 CHEMICAL STABILITY</b>	
<b>Stability</b>	NO PARTICULAR STABILITY CONCERNS.
<b>10.3 POSSIBILITY OF HAZARDOUS REACTIONS</b>	
<b>Possibility of hazardous reaction</b>	SEE SECTIONS 10.1 10.4 & 10.5
<b>10.4 CONDITIONS TO AVOID</b>	
<b>Conditions to avoid</b>	AVOID HEAT, FLAMES AND OTHER SOURCES OF IGNITION.
<b>10.5 INCOMPATIBLE MATERIALS</b>	
<b>Materials to avoid</b>	NO SPECIFIC MATERIAL OR GROUP OF MATERIALS IS LIKELY TO REACT WITH THE PRODUCT TO PRODUCE A HAZARDOUS SITUATION.
<b>10.6 HAZARDOUS DECOMPOSITION PRODUCTS</b>	
NO KNOWN HAZARDOUS DECOMPOSITION PRODUCTS.	
<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>	
<b>11.1 INFORMATION ON TOXICOLOGICAL EFFECTS</b>	
<b>Information on toxicological effects</b>	WE HAVE NOT CARRIED OUT ANY ANIMAL TESTING FOR THIS PRODUCT. ANY ATE FIGURES QUOTED BELOW ARE FROM TOXICITY CLASSIFICATIONS THAT HAVE BEEN CARRIED OUT USING ATE (ACUTE TOXICITY ESTIMATE) CALCULATION METHOD USING LD50 OR ATE FIGURES PROVIDED BY THE RAW MATERIAL MANUFACTURER.
<b>Other health effects</b>	LOW ORAL TOXICITY, BUT INGESTION MAY CAUSE IRRITATION OF THE GASTRO-INTESTINAL TRACT.
<b>SECTION 12: ECOLOGICAL INFORMATION</b>	
<b>12.1 TOXICITY</b>	
<b>Toxicity</b>	WE HAVE NOT CARRIED OUT ANY AQUATIC TESTING, THEREFORE WE HAVE NO AQUATIC TOXICITY DATA SPECIFICALLY FOR THIS PRODUCT. THE AQUATIC TOXICITY DATA, WHERE PROVIDED BY THE RAW MATERIAL MANUFACTURER FOR INGREDIENTS WITH AQUATIC TOXICITY, CAN BE MADE AVAILABLE ON REQUEST.
<b>12.2 PERSISTENCE AND DEGRADABILITY</b>	
<b>Persistence and degradability</b>	THIS PRODUCT, AT USE DILUTION, IS READILY BROKEN DOWN IN BIOLOGICAL EFFLUENT TREATMENT PLANTS.
<b>12.3 BIOACCUMULATIVE POTENTIAL</b>	
<b>Bioaccumulative potential</b>	THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES EXPECTED TO BE BIOACCUMULATING.
<b>12.4 MOBILITY IN SOIL</b>	
<b>Mobility</b>	NOT KNOWN.
<b>12.5 RESULTS OF PBT AND VPvB ASSESSMENT</b>	
<b>Assessment</b>	THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES CLASSIFIED AS PBT OR VPvB.
<b>12.6 OTHER ADVERSE EFFECTS</b>	
<b>Other adverse effects</b>	NOT KNOWN.

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**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 WASTE TREATMENT METHODS**

<b>Disposable methods</b>	SMALL AMOUNTS (LESS THAN 5 LITRES) OF UNWANTED PRODUCT MAY BE FLUSHED WITH WATER TO SEWER. LARGER VOLUMES MUST BE SENT FOR DISPOSAL BY APPROVED WASTE CONTRACTOR. RINSE OUT EMPTY CONTAINER WITH WATER AND CONSIGN TO NORMAL WASTE.
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**SECTION 14: TRANSPORT INFORMATION**

<b>14.1 ADR/RID</b>	1987
<b>IMDG</b>	1987
<b>IATA</b>	1987

**14.2 UN proper shipping name**

<b>Un no. (ADR/RID)</b>	ALCOHOLS, NOS (ISOPROPANOL)
<b>UN no. (IMDG)</b>	ALCOHOLS, NOS (ISOPROPANOL)
<b>UN no. (ICAO)</b>	ALCOHOLS, NOS (ISOPROPANOL)

**14.3 Transport hazard classes.**

<b>ADR/RID class</b>	CLASS 3: FLAMMABLE LIQUIDS.
<b>ADR/RID label</b>	3
<b>IMDG class</b>	CLASS 3: FLAMMABLE LIQUIDS.
<b>ICAO class/division</b>	CLASS 3: FLAMMABLE LIQUIDS.
<b>ICAO subsidiary risk</b>	

**Transport labels**

<b>14.4 Packing group</b>	II
<b>ADR/RID packing group</b>	II
<b>IMDG packing group</b>	II
<b>ICAO packing group</b>	

<b>14.5 Environmental hazards substance/marine pollutant</b>	No
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**14.6 Special precautions for user.**

<b>EMS</b>	F-E, S-D
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<b>Tunnel restriction code</b>	(D/E)
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<b>14.7 Transport in bulk according to annex ii of MARPOL73/78 and the IBC Code</b>	Not relevant for a packaged product.
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**SECTION 15: REGULATORY INFORMATION**

**15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE.**

<b>EU legislation</b>	Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures. Ingredients are listed with classification under both CHIP - Directive 67/548/EEC -classification, packaging & labelling of dangerous substances & GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.
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**15.2 CHEMICAL SAFETY ASSESSMENT**

<b>Chemical Assessment</b>	NO CHEMICAL SAFETY ASSESSMENT HAS BEEN CARRIED OUT AS NOT APPLICABLE AS THIS PRODUCT IS A MIXTURE.
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**SECTION 16: OTHER INFORMATION**

<b>Key literature references and sources for data</b>	Material Safety Data Sheet, Misc. manufacturers. CLP Class - Table 3.1 List of harmonised classification and labelling of HAZARDOUS SUBSTANCES. CHIP CLASS - TABLE 3.2 THE LIST OF HARMONISED CLASSIFICATION AND LABELLING OF HAZARDOUS SUBSTANCES FROM ANNEX I TO DIRECTIVE 67/548/EEC. ECHA - C&L INVENTORY DATABASE
<b>Revision comments</b>	This product is now using classification from GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.
<b>Revision Issue V1.3</b>	The Risk Phrases / Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this Product see Section 2.
<b>Risk phrases in full</b>	R11 Highly flammable. R36 Irritating to eyes. R67 VAPOURS MAY CAUSE DROWSINESS AND DIZZINESS
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.



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**FURTHER INFORMATION**

	<p>The information contained in this data sheet is, to the best of our knowledge and belief, accurate and is based upon our technical knowledge of the product and the date of issue. No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness.</p> <p>BOOKER LTD WILL NOT BE RESPONSIBLE FOR ANY DAMAGE OR INJURY RESULTING FROM ANY INHERENT HAZARD OF THE MATERIAL, THE ABNORMAL USE OF THE MATERIAL OR FROM FAILURE TO ADHERE TO RECOMMENDATION.</p>
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