

**SAFETY DATA SHEET****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

- Product Name: Rinse Free Hand Cleanser
- Contains isopropyl alcohol 65%

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

- Use of the substance/mixture: To cleanse hands without the use of water

**1.3 Details of the supplier of the safety data sheet**

- Name of Supplier: Unico Ltd
- Address of Supplier: North Main Street  
Carronshore  
Falkirk  
FK2 5HT  
UK
- Telephone: +44 (0) 1324 573400
- Email: Sales@unicodirect.com

**1.4 Emergency telephone number**

- Emergency Telephone: +44 (0) 1324 573410  
(office hours only Mon– Fri 08:30 – 17:00)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]: Eye Dam. 1, H318; EUH208
- Additional information: For full text of Hazard- and EU Hazard-statements: see section 16

**2.2 Label elements**

- Signal Word: Danger; Highly Flammable; Causes serious eye irritation
- Hazard statements  
H224 - Extremely flammable liquid and vapour  
H319 - Causes serious eye irritation  
Precautionary statements  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking  
P233 - Keep container tightly closed  
P243 - Take precautionary measures against static discharge  
P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.  
P403+P235 - Store in a well ventilated place. Keep cool.
- Supplemental Hazard Information (EU)  
n/a

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**SECTION 2: Hazards identification (....)**

## 2.3 Other hazards

- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII

**SECTION 3: Composition/information on ingredients**

## 3.1 Substances

## 3.2 Mixtures

Chemical Name	Conc.	CAS No.	EC No.	Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]	REACH Registration Number	WEL /OEL
Isopropanol Alcohol	65%	67-63-0	-	Flam Liq. 2 H225, H319; - STOT SE 3; H336		No
Aminomethyl Propanol	< 5%	124-68-5	204-709-8	H315; H319; H412		Yes
Glycerin	< 5%	56-81-5	200-289-5	None		No
Carbomer (Cyclohexane)	< 0.5%		203-806-2	H400; H410; H304; H225; H315; H336		Yes

Additional information: For information on ingredients as required by the Detergents Regulation (EC) No. 648/2004 see section 16

**SECTION 4: First aid measures**

## 4.1 Description of first aid measures

- Contact with eyes  
If substance has got into eyes, immediately wash out with plenty of water for several minutes  
Irrigate eyes thoroughly whilst lifting eyelids  
Remove contact lenses, if present and easy to do. Continue rinsing.  
Get immediate medical advice/attention.
- Contact with skin  
Wash affected area with plenty of soap and water  
If skin irritation or rash occurs: Get medical advice/attention.

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**SECTION 4: First aid measures (....)**

- Ingestion  
Rinse mouth.  
Give plenty of water to drink  
Do not induce vomiting. Obtain medical advice
- Inhalation  
If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
IF exposed or concerned: Get medical advice/attention.

**4.2 Most important symptoms and effects, both acute and delayed**

- Contact with eyes  
Causes redness and irritation  
May cause severe damage with formation of corneal ulcers and permanent impairment of vision.
- Contact with skin  
Prolonged or repeated exposure may cause redness and irritation  
May cause allergic reaction in susceptible people
- Ingestion  
May cause gastro-intestinal disturbances May cause nausea/  
vomiting/drowsiness or disorientation
- Inhalation  
May cause respiratory tract irritation. Vapours may cause drowsiness, dizziness and nausea

**4.3 Indication of any immediate medical attention and special treatment needed**

- Treat symptomatically
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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- Small fire, use CO<sub>2</sub>, dry chemical powder, water mist
- Large fire, use alcohol resistant foam or water mist. DO NOT USE WATER JET

**5.2 Special hazards arising from the substance or mixture**

- Highly flammable liquids. Vapour readily form ignitable/ explosive mixture at normal temp

**5.3 Advice for firefighters**

- Special protective equipment: Wear self-contained breathing apparatus (SCBA). Wear full protective clothing including chemical protection suit.
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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

- Personal precautions for non-emergency personnel: Avoid breathing vapours, mist or gas; Avoid contact with eyes ; Wash thoroughly after handling.
- Personal precautions for emergency responders: Wear protective clothing as per section 8; Butyl rubber or nitrile rubber are recommended

**6.2 Environmental precautions**

- Avoid release to the environment.

**6.3 Methods and material for containment and cleaning up**

Remove ignition sources. Contain with sand or earth. Transfer to suitable container for suitable container for subsequent disposal (in accordance with local regulations). Wash contaminated area with copious amounts of water

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**SECTION 6: Accidental release measures (....)**

- Seal containers and label them
- Remove contaminated material to safe location for subsequent disposal
- Ventilate the area and wash spill site after material pick-up is complete
- Seek expert advice for removal and disposal of all contaminated materials and wastes

## 6.4 Reference to other sections

- See section(s): 7,8 &13
- 

**SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

- Use only in well ventilated areas
- Avoid breathing vapours, mist or gas
- Keep containers tightly closed
- Static electricity and formation of sparks must be prevented
- No respiratory protection is needed during normal handling
- Do not get in eyes, or on clothing.
- Wash contaminated clothing before reuse.
- Wash thoroughly after use
- Do not eat, drink or smoke when using this product.

## 7.2 Conditions for safe storage, including any incompatibilities

- Keep locked up and out of reach of children
- Keep away from food, drink and animal feeding stuffs
- Keep only in the original container
- Keep container tightly closed, in a cool, well ventilated place
- Opened containers should be carefully resealed and stored in an upright position
- Keep away from acids and alkalis
- Keep away from oxidising substances

## 7.3 Specific end use(s)

- Cleaning agent
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**SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

- propan-2-ol (Isopropyl Alcohol)

Workplace exposure limits:

8 hour TWA : 999 mg/m<sup>3</sup>15 min STEL: 1250 mg/m<sup>3</sup>

DNEL no data available

**SECTION 8: Exposure controls/personal protection (....)****8.2 Exposure controls**

- Selection and use of personal protective equipment should be based on a risk assessment of exposure potential
- Engineering controls  
Ensure there is sufficient ventilation in the area. Ensure lighting and electrical equipment are not a source of ignition
- Respiratory protection

No respiratory protection is needed during normal handling

Respiratory protection may be required under exceptional circumstances when excessive air contamination exists

Where a reusable half mask respirator is required, use EN 140, with gas/vapour filter EN 14387 type ABEK, or EN 405; EN 1827

Where a full face mask respirator is required, use EN 136, with gas/vapour filter EN 14387 type ABEK

- Eye/face protection  
No special clothing/skin protection is required under normal conditions of use.  
Wear goggles giving complete eye protection approved to standard EN 166 when handling large volumes
- Skin protection  
No special clothing/skin protection is required under normal conditions of use
- Hygiene measures  
Use good personal hygiene practices

Do not eat, drink or smoke when using this product.

Contaminated clothing should be laundered before reuse

Ensure eyewash stations and safety showers are nearby



## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance: Clear liquid
- Odour: Unfragranced. Alcoholic
- Odour threshold: No information available
- pH: 7.5 - 9.5
- Melting point/freezing point: No information available
- Initial boiling point and boiling range: No information available
- Flashpoint: 20.5
- Evaporation Rate: No information available
- Flammability (solid,gas): Extremely flammable
- Relative Density: 0.866
- Solubility(ies): Soluble in water
  
- Viscosity: 4000 - 9000 cP
- Explosive Properties: no information available
- Oxidising properties: Not oxidising

### 9.2 Other information

- No information available
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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- Stable under recommended transport or storage conditions

### 10.2 Chemical stability

- Considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

### 10.4 Conditions to avoid

- Avoid extremes of temperature, hot surfaces, sources of ignition, flames, avoid temperatures above 35oC, keep away from direct sunlight and contact with sources of heat.

### 10.5 Incompatible materials

- Incompatible with acids and alkalis (strong acids & bases)
- Incompatible with strong oxidizing substances
- Incompatible with copper and aluminium

### 10.6 Hazardous decomposition products

- in combustion emits toxic fumes
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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

- Acute Toxicity  
Based on available data, the classification criteria are not met
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**SECTION 11: Toxicological information (....)**

Chemical Name	LD50 (oral, rat)	LC50 (inhalation, rat)	LD50 (dermal, rabbit)
Propan-2-ol	>2000 mg/kg	>20 mg/l (8 hr)	> 2 000 mg/kg

- Skin corrosion/irritation  
Based on available data, the classification criteria are not met
- Serious eye damage/irritation  
Causes serious eye damage

Classification based on calculation and concentration thresholds

- Respiratory or skin sensitisation  
Based on available data, the classification criteria are not met
- Germ cell mutagenicity  
No evidence of mutagenic effects
- Carcinogenicity  
No evidence of carcinogenic effects
- Reproductive toxicity  
No evidence of reproductive effects
- Specific target organ toxicity (STOT) - single exposure  
Based on available data, the classification criteria are not met
- Specific target organ toxicity (STOT) - repeated exposure  
Based on available data, the classification criteria are not met
- Aspiration hazard  
Based on available data, the classification criteria are not met
- Contact with eyes  
Causes redness and irritation

May cause severe damage with formation of corneal ulcers and permanent impairment of vision.

- Contact with skin  
May cause redness and irritation  
May cause allergic reaction in susceptible people
- Ingestion  
May cause gastro-intestinal disturbances  
May cause nausea/vomiting
- Inhalation  
May cause respiratory tract irritation.

**SECTION 12: Ecological information****12.1 Toxicity**

- Based on available data, the classification criteria are not met
- Propan-2-ol  
LC50 (fish) > 100 mg/l (48 hr)  
EC50 (aquatic invertebrates) >100 mg/l (72 hr)  
EL50 (aquatic algae) >100 mg/l (48 hr)

**12.2 Persistence and degradability**

- 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.

**12.3 Bioaccumulative potential**

- No bioaccumulation potential

**12.4 Mobility in soil**

- Soluble in water

**12.5 Results of PBT and vPvB assessment**

- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII

**12.6 Other adverse effects**

- negligible ecotoxicity
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**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

- This material and/or its container must be disposed of as hazardous waste
- Disposal should be in accordance with local, state or national legislation
- Dispose of contents/container to an authorised waste collection point

**13.2 Classification**

- The waste must be identified according to the List of Wastes (2000/532/EC)



**SECTION 14: Transport information**

Not classified as hazardous for transport

**14.1 UN number**

- UN No.: UN1291

**14.2 UN proper shipping name**

- Proper Shipping Name: Not applicable

**14.3 Transport hazard class(es)**

- Hazard Class: 3

**14.4 Packing group**

- Packing Group: II

**14.5 Environmental hazards**

- Not applicable

**14.6 Special precautions for user**

- Not Classified

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

- Not applicable

**14.8 Road/Rail (ADR/RID)**

- Proper Shipping Name: Not applicable
- ADR UN No.: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable
- Tunnel Code: Not applicable

**14.9 Sea (IMDG)**

- Proper Shipping Name: Not applicable
- IMDG UN No.: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable

**14.10 Air (ICAO/IATA)**

- Proper Shipping Name: Not applicable
- ICAO UN No.: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable

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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- This safety data sheet is provided in compliance with REACH Regulation (EC) No 1907/2006 as amended by Regulation (EU) 2015/830
- Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe
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**15.2 Chemical safety assessment**

- A REACH chemical safety assessment has not been carried out

## SECTION 16: Other information

The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide. The company will not be held liable for any damage resulting from handling or from contact with this product.

Sources of data: Information from testing, published literature and supplier safety data sheets

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### Acronyms

- CAS: Chemical Abstracts Service
- DNEL: Derived No-Effect Level
- EC: European Community
- EC50: Effective Concentration, 50%
- GHS: Globally Harmonised System
- LC50: Lethal Concentration, 50%
- LD50: Lethal Dose, 50%
- NOAEL: No observed adverse effect level
- NOEC: No observed effect concentration
- OEL: Occupational Exposure Limit
- PBT: Persistent, Bioaccumulative and Toxic
- PNEC: Predicted No-Effect Concentration
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- STOT RE: Specific Target Organ Toxicity Repeated Exposure
- STOT SE: Specific Target Organ Toxicity Single Exposure
- vPvB: very Persistent and very Bioaccumulative
- WEL: Workplace Exposure Limit

