

# SAFETY DATA SHEET

# Micronclean Hand Sanitiser



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### Micronclean Hand Sanitiser

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

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

##### 1.1 Product identifier

Product code/part no.	Product identifier
ZNIP50025	CleanGuard 1 IPA 500ml Hand Sanitiser

Product Name                      CleanGuard  
 CAS No.                              Not applicable.  
 EC No.                                 Not applicable.  
 REACH Registration No.         Not known.

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

Identified Use(s)                    Disinfectant  
 Uses Advised Against               Not known.

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

###### Manufacturer

Company Identification            Micronclean  
 Address of Manufacturer          Roman Bank  
                                                  Skegness  
                                                  Lincolnshire  
                                                  United Kingdom  
 Postal code                            PE25 1SQ  
 Telephone:                            0044 (0) 1754 767171  
 Fax                                        0044 (0) 1754 767171  
 E-mail                                  enquiries@micronclean.co.uk  
 Office hours                          09:00 - 17:00

###### Supplier

Company Identification            Micronclean  
 Address of Supplier                Holly Road  
                                                  Skegness  
                                                  Lincolnshire  
                                                  United Kingdom  
 Postal code                            PE25 3AX  
 Telephone:                            0044 (0) 1754 767171  
 Fax                                        0044 (0) 1754 767171  
 E-mail                                  enquiries@micronclean.co.uk

Office hours 09:00 - 17:00

#### 1.4 Emergency telephone number

Emergency Phone No. +44 (0)1754 614100  
 Contact No information available.  
 National response center  
 Address NHS Direct  
 Emergency Phone No. +44 111

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Flam. Liq. 2 :Highly flammable liquid and vapour.  
 Eye Irrit. 2 :Causes serious eye irritation.  
 STOT SE 3 :May cause drowsiness or dizziness.

### 2.2 Label elements

Product Name According to Regulation (EC) No. 1272/2008 (CLP)  
 Hand Sanitiser

Hazard Pictogram(s)



GHS07



GHS07

Signal Word(s) Danger

Hazard Statement(s) H225: Highly flammable liquid and vapour.  
 H319: Causes serious eye irritation.  
 H336: May cause drowsiness or dizziness.

Precautionary Statement(s) P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P370+P378: In case of fire: Use water spray, dry powder or carbon dioxide to extinguish.

### 2.3 Other hazards

None known.

## 2.4 Additional Information

For full text of H/P Statements see section 16.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
propan-2-ol isopropyl alcohol isopropanol	67-63-0	200-661-7	70.00	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07
Water	7732-18-5	231-791-2	24.98	Not classified.	None

For full text of H/P Statements see section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
Skin Contact	Unlikely to cause harmful effects. May cause irritation Remove contaminated clothing and wash affected skin with water. Get medical attention if eye irritation develops or persists.
Eye Contact	May cause eye irritation. Flush eyes with water for at least 15 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.
Ingestion	Do NOT induce vomiting. Get medical attention.

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

May cause irritation. May cause breathing difficulty. May cause drowsiness or dizziness.

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

Call a POISON CENTER/doctor if you feel unwell. Treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.

Unsuitable extinguishing media None.

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

May decompose in a fire, giving off toxic and irritant vapours.

### 5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Ensure full personal protection (including respiratory protection) during removal of spillages.

### 6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

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

Absorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

### 6.4 Reference to other sections

See Also Section 8, 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid breathing mist/vapours/spray. For large quantities, use only outdoors or in a well-ventilated area.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Storage temperature Ambient.

Storage life Stable under normal conditions.

Incompatible materials None known.

### 7.3 Specific end use(s)

Disinfectant

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1 Control parameters

### 8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTCL (8 hr TWA ppm)	LTCL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Propan-2-ol	67-63-0	400	999	500	1250	
Glycerol, mist	56-81-5		10			
Cyclohexane	110-82-7	100	350	300	1050	
Cyclohexane	110-82-7	200	700			IOELV
Hydrogen peroxide	7722-84-1	1	1.4	2	2.8	

Region	Source
EU	EU Occupational Exposure Limits
United Kingdom	UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark	Notes
IOELV	Indicative Occupational Exposure Limit Values.

## 8.2 Exposure controls

8.2.1. Appropriate engineering controls      Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection      Not normally required. For large quantities - Wear eye protection with side protection (EN166).



Skin protection      Not normally required.



Respiratory protection      Normally no personal respiratory protection is necessary.



Thermal hazards      None known.

8.2.3. Environmental Exposure Controls      Avoid release to the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid.
	Colour : Colourless
Odour	Alcohol odour.
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	Not known.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	Not known.
Solubility(ies)	Solubility (Water) : Not known. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.

## 9.2 Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

None anticipated.

### 10.2 Chemical Stability

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

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5 Incompatible materials

Strong oxidising agents. Acids.

## 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity - Ingestion	Not classified.
Acute toxicity - Skin Contact	Not classified.
Acute toxicity - Inhalation	Not classified.
Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation.
Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT - single exposure	Calculation method : May cause drowsiness or dizziness.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

### 11.2 Other information

Not known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

### 12.2 Persistence and degradability

Not known.

### 12.3 Bioaccumulative potential

Not known.

### 12.4 Mobility in soil

Not known.



**12.5 Results of PBT and vPvB assessment**

Not known.

**12.6 Other adverse effects**

Not known.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Dispose at suitable refuse site.

**13.2 Additional Information**

Disposal should be in accordance with local, state or national legislation.

**SECTION 14: TRANSPORT INFORMATION****14.1 UN number**

UN No. 1219

**14.2 UN proper shipping name**

UN proper shipping name ISOPROPANOL (ISOPROPYL ALCOHOL)

**14.3 Transport hazard class (es)****ADR/RID**

ADR/RID Class	3
ADR Classification Code	F1
Special Provisions	601
Limited Quantities	1 L
Excepted Quantities	E2
Emergency Action Code	•2YE
Mixed Packing Instructions for Packages	P001 IBC02 R001
Special Packing Provisions for Packages	
Mixed Packing Instructions for Packages	MP19
Packing Instructions for Portable Tanks	T4
Special Provisions for Portable Tanks	TP1
Tank Code for Tanks	LGBF
Special Provisions for Tanks	
Vehicle for Tank Carriage	FL
ADR Transport Category	2
Tunnel Restriction Code	D/E
Special Provisions for Carriage - Packages	
Special Provisions for Carriage - Bulk	
Special Provisions for Carriage - Loading, Unloading and Handling	

Special Provisions for Carriage - Operation	S2 S20
ADR HIN	33
<b>IMDG</b>	
IMDG Class	3
Special Provisions	601
Limited Quantities	1 L
Excepted Quantities	E2
Mixed Packing Instructions for Packages	P001 IBC02 R001
Special Packing Provisions for Packages	
Packing Instructions for Portable Tanks	T4
Special Provisions for Portable Tanks	TP1
IMDG EMS	F-E, S-D
Stowage and Handling	Category B
Segregation	
Marine Pollutant	

**ICAO/IATA**

IATA Proper Shipping Name	ISOPROPANOL (ISOPROPYL ALCOHOL)
Excepted Quantities	E2
Passenger and Cargo Aircraft Limited	Y341
Quantities Packing Instructions	
Passenger and Cargo Aircraft Limited	1L
Quantities Max net Qty	
Passenger and Cargo Aircraft Packing	353
Instructions	
Passenger and Cargo Aircraft Max net Qty	5L
Cargo Aircraft Packing Instructions	364
Cargo Aircraft Max net Qty	60L
Special Provisions	A180
Emergency Response Guidebook (ERG) Code	3L

**Labels**

Labels	3
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**14.4 Packing group**

Packing group	II
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**14.5 Environmental hazards**

Environmental hazards	Not classified as a Marine Pollutant.
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**14.6 Special precautions for user**

Special precautions for user	Not known.
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**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

No information available

## SECTION 15: REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern Not listed  
for Authorisation

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles propan-2-ol isopropyl alcohol isopropanol (67-63-0), 1,1',1''-nitritotripropan-2-ol triisopropanolamine (122-20-3), cyclohexane (110-82-7), hydrogen peroxide solution ... % (7722-84-1)

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

#### National regulations

Other Not known.

### 15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

### LEGEND

Hazard Pictogram(s)



GHS07

GHS02: GHS: Flame

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2

Eye Irrit. 2 : Serious eye damage/irritation, Category 2

STOT SE 3 : Specific target organ toxicity — single exposure,  
Category 3  
Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic,  
Category 3

## Hazard Statement(s)

H225: Highly flammable liquid and vapour.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H412: Harmful to aquatic life with long lasting effects.

## Precautionary Statement(s)

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264: Wash hands and exposed skin thoroughly after handling.  
P271: Use only outdoors or in a well-ventilated area.  
P280: Wear protective gloves/protective clothing/eye  
protection/face protection.  
P304+P340: IF INHALED: Remove person to fresh air and keep  
comfortable for breathing.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several  
minutes. Remove contact lenses, if present and easy to do. Continue  
rinsing.  
P312: Call a POISON CENTER/doctor if you feel unwell.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P403+P233: Store in a well-ventilated place. Keep container tightly  
closed.  
P405: Store locked up.  
P501: Dispose of contents in accordance with local, state or national  
legislation.

## Acronyms

CAS : Chemical Abstracts Service  
CLP : Regulation (EC) No 1272/2008 on classification, labelling and  
packaging of substances and mixtures  
DNEL : Derived No Effect Level  
EC : European Community  
EINECS : European Inventory of Existing Commercial Chemical  
Substances  
LTEL : Long term exposure limit  
PBT : Persistent, Bioaccumulative and Toxic  
PNEC : Predicted No Effect Concentration  
REACH : Registration, Evaluation, Authorisation and Restriction of  
Chemicals  
STEL : Short term exposure limit  
STOT : Specific Target Organ Toxicity  
vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for data used to compile the SDS

Regulation (EC) No. 1272/2008 (CLP)

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Issue 1: New SDS created

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Issued by: Caryn Lopez  
Regulatory Officer