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SAFETY DATA SHEET  
**MICRONCLEAN IPA 70/30 WFI**  
LIQUIDS

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## SAFETY DATA SHEET - MICRONCLEAN IPA 70/30 WFI - LIQUIDS

ACCORDING TO WORK HEALTH AND SAFETY (WHS) REGULATIONS

### SECTION 1

#### IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

##### 1.1 Product identifier

Product Name Micronclean IPA 70/30 WFI Liquids

##### 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 Sabre Medical  
Address of Supplier Unit 1  
9-11 Chaplin Drive  
Lane Cove West  
Australia  
Postal code NSW 2066  
Telephone: +612 9880 7500  
Fax  
E-mail mail@sabregroup.com.au  
Office hours 09:00 - 17:00

##### 1.4 Emergency telephone number

Emergency Phone No. +612 9880 7500  
Contact No information available

## SECTION 2 HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

In accordance to GHS as implemented under WHS Regulations

Flam. Liq. 2: Highly flammable liquid and vapour.  
 Eye Irrit. 2A: Causes serious eye irritation.  
 STOT SE 3: May cause drowsiness or dizziness.

### 2.2 Label elements

In accordance to GHS as implemented under WHS Regulations

Product Name Micronclean IPA 70/30 WFI Liquids

Hazard Pictogram(s)



GHS02



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) None

### 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.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
propan-2-ol isopropyl alcohol isopropanol	67-63-0	70	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07
Water	7732-18-5	30	Not classified	None

For the 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	Take off immediately all contaminated clothing. Rinse skin with water.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Treat symptomatically.

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

May cause irritation.

#### **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	Use water spray, dry powder or carbon dioxide to extinguish.
Unsuitable extinguishing media	Water jet spray

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

Highly flammable liquid and vapour. 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. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions.

## **SECTION 6**

### **ACCIDENTAL RELEASE MEASURES**

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

Provide adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. 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**

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Containers must not be punctured or destroyed by burning, even when empty.

#### **6.4 Reference to other sections**

See Also Section 8, 13.

## **SECTION 7**

### **HANDLING AND STORAGE**

#### **7.1 Precautions for safe handling**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

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

Store in a well-ventilated place. Keep cool. 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

WORKPLACE EXPOSURE STANDARDS FOR AIRBORNE CONTAMINANTS						
SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Propan-2-ol	67-63-0	400	983	500	1230	

Region	Source
Australia	Workplace Exposure Standards For Airborne Contaminants, 2022, Australia
Remark	Notes

### 8.2 Exposure controls

8.2.1. Appropriate engineering controls      Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

#### 8.2.2. Personal protection equipment



Eye Protection      Wear eye protection with side protection (EN166).



Skin protection      Wear protective clothing and gloves: Impervious gloves (EN 374).



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

Physical State	Liquid
Colour	Colourless
Odour	Alcohol-like
Melting point/freezing point	- 89°C
Boiling point or initial boiling point and boiling range	82°C
Flammability	Not known
Lower and upper explosion limit	12.7 % V / 2.0% V
Flash Point	18°C
Auto-ignition temperature	399°C
Decomposition Temperature (°C)	Not known
pH	Not known
Kinematic Viscosity	@20°C = 4.232 @40°C = 2.121
Solubility	Solubility (Water): Very soluble Solubility (Other): Miscible with Organic Solvents
Partition coefficient: n-octanol/water (log value)	Not known
Vapour pressure	20 mmHg @ 332°C
Density and/or Relative density	Density (g/ml) : 0.785
Relative vapour density	2.1
Particle characteristics	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

Avoid friction, sparks, or other means of ignition.

### 10.5 Incompatible materials

Not known

### 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 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. Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Do not allow to enter drains, sewers or watercourses. Do NOT landfill. Normal disposal is via incineration operated by an accredited disposal contractor. 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

### IMDG

IMDG Class	3
Special Provisions	
Limited Quantities	1 L
Excepted Quantities	E2
Mixed Packing Instructions for Packages	P001 IBC02
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 Quantities Packing Instructions	Y341
Passenger and Cargo Aircraft Limited Quantities Max net Qty	1L
Passenger and Cargo Aircraft Packing Instructions	353
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

Australian Inventory of Industrial Chemicals (AIIC)	Listed : 67-63-0, 7732-18-5
IMAP (Inventory Multi-Tiered Assessment and Prioritisation) – Stage One chemicals	67-63-0
List of PECs (Priority Existing Chemicals)	Not listed
NPI (National Pollutant Inventory)	Not listed
Schedule 10 of WHS Regulations – Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals	Not listed

## SECTION 16 OTHER INFORMATION

The following sections contain revisions or new statements:

### LEGEND

Hazard Pictogram(s)



GHS02



GHS07

Hazard classification

Flam. Liq. 2: Flammable liquid, Category 2  
 Eye Irrit. 2A: Serious eye damage/irritation, Category 2A  
 STOT SE 3: Specific target organ toxicity — single exposure, Category 3

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.  
 P233: Keep container tightly closed.  
 P240: Ground and bond container and receiving equipment.  
 P24: Use explosion-proof electrical/ventilating/lighting/equipment.  
 P242: Use non-sparking tools.  
 P243: Take action to prevent static discharges.  
 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.  
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
 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 CENTRE/doctor if you feel unwell.  
 P337+P313: If eye irritation persists: Get medical advice/attention.

P370+P378: In case of fire: Use water spray, dry powder or carbon dioxide to extinguish.  
P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
P403+P235: Store in a well-ventilated place. Keep cool.  
P405: Store locked up.  
P501: Dispose of contents in accordance with local, state or national legislation.

#### Acronyms

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE: Acute Toxicity Estimate  
CAS: Chemical Abstracts Service  
IATA: International Air Transport Association  
IBC: Intermediate Bulk Container  
ICAO: International Civil Aviation Organization  
IMDG: International Maritime Dangerous Goods  
LTEL: Long term exposure limit  
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail  
STEL: Short term exposure limit  
STOT: Specific Target Organ Toxicity  
UN: United Nations

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

In accordance to GHS as implemented under WHS Regulations

#### Disclaimers

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