

SAFETY DATA SHEET

IPA

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier:

Product code/part no.	Product identifier
ZSAL64005	CleanGuard 1 IPA 70/30 WFI 5 Litre RFU Sterile
WSCW96ZZZ	VeriGuard 9 Polypropylene/Viscose Silver Pack Wipes IPA Sterile
ZSAL64499	CleanGuard 1 IPA 70/30 WFI 500ML Trigger Spray Sterile
ZSAL64950	CleanGuard 1 IPA 70/30 WFI 950ML Trigger Spray Sterile
WSCW92009	VeriGuard 8 IPA Sessional Poly-Cellulose Wipe Sterile
MCZSLA50S	VeriGuard 10 IPA Single Layer Wipes Non-Sterile
WNVGo5020	VeriGuard 1 IPA 70/30 DI Water Polypropylene Tub Wipes Non-Sterile
WSVG05020	VeriGuard 1 IPA 70/30 DI Water Polypropylene Tub Wipes Sterile
WNVGo4023	VeriGuard 2 IPA 70/30 WFI Poly-Cellulose Pouch Wipes Non-Sterile
WSVG04023	VeriGuard 2 IPA 70/30 WFI Poly-Cellulose Pouch Wipes Sterile
MCZNLA50N	VeriGuard 10 IPA Single Layer Wipes Sterile
WNVGo6030	VeriGuard 15 IPA 70/30 WFI Polyester Wipes Non-Sterile
WSVG06030	VeriGuard 15 IPA 70/30 WFI Polyester Wipes Sterile
GLVG-1-200-R-S	VeriGuard 1 IPA 70/30 DI Water Wipe Refill 200 Sterile
ZNAL64950	CleanGuard 1 IPA 70/30 WFI 950ML Trigger Spray Non-Sterile

Substance name: IPA, Isopropyl alcohol, IPA/DI, IPA/WFI

1.2. Relevant identified uses of the substance or mixture and uses advised against
 Relevant identified uses: Surface disinfection

1.3. Details of the supplier of the Safety Data Sheet

Manufacturer/supplier: Micronclean
 Address: Roman Bank
 Skegness
 Lincolnshire
 PE25 1SQ, UK

Email: enquiries@micronclean.co.uk
 Tel/Fax: 0044 (0) 1754 767171

1.4. Emergency Telephone: 0044 (0) 1754 767171
 Opening hours: Only available during office hours (GMT)
 Other comments: Phone service available in English language

2. Hazards Identification

2.1. Classification of the substance or mixture
 2.1.1. Classification according to Regulation (EC) No 1272/2008 [CLP]
 Flam. Liq. 2: H225
 Eye Irrit. 2: H319
 STOT SE 3: H336

Additional information:
 For full text of hazard statements: see SECTION 16.

2.2. Label elements
 Labelling according to Regulation (EC) No 1272/2008 [CLP]
 Hazard pictograms: GHS02: Flame; GHS07: Exclamation mark



Signal word: DANGER

Hazard statements: H225: Highly flammable liquid and vapour
H319: Causes serious eye irritation
H336: May cause drowsiness or dizziness

Precautionary statements: P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking
P280: Wear protective eye/face protection
P337+313: If eye irritation persists: Get medical advice/attention
P261: Avoid breathing vapours/spray
P403+P233: Store in a well-ventilated place. Keep container tightly closed

Supplemental Hazard information (EU): Not applicable.

2.3. Other hazards:
In use, may form flammable / explosive vapour-air mixture.
This product is not identified as a PBT substance.

3. Composition/information on ingredients

3.2. Hazardous ingredients

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EINECS	CAS	CLASSIFICATION	PERCENT
200-661-7	67-63-0	Flam. Liq. 2: H225 Eye Irrit. 2: H319 STOT SE 3: H336	50-70%

4. First aid measures

4.1. Description of first aid measures

Inhalation: Irritating to respiratory system. Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication. If the liquid enters the lungs - consult a doctor immediately.

Skin Contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Seek medical aid if irritation or discomfort persists.

Eye Contact: Promptly wash eyes with plenty of water while lifting the eyelids. Remove any contact lenses from the eyes. Continue to rinse for at least 15 minutes. Obtain medical attention if any discomfort continues.

Ingestion: Wash mouth out with water. Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication. If liquid has entered the lungs, consult a doctor immediately.

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

Skin contact: There may be irritation and redness at the site of contact. Prolonged or repeated exposure may cause de-fatting of the skin and/or dermatitis.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. May cause nausea, abdominal discomfort, vomiting, and gastrointestinal irritation; headache, dizziness, mental depression, narcosis, anaesthesia, coma. Ingestion of large amounts (100ml) may lead to death.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. Vapours may cause drowsiness and dizziness. May cause symptoms similar to those of ingestion.

4.3. Indication of any immediate medical attention and special treatment needed
No data available.

5. Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media: Alcohol resistant foam. Carbon dioxide. Dry chemical powder. Sand. Use water spray only to cool containers.

Unsuitable extinguishing media: Water jet, as burning product will float and spread.

5.2. Special hazards arising from the substance or mixture
Exposure hazards: Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

5.3. Advice for firefighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions: Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up
Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

7. Handling and storage

7.1. Precautions for safe handling: Do not handle in a confined space.

7.2. Conditions for safe storage, including any incompatibilities
Technical measures and storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition.
Packaging materials: Must only be kept in original packaging

7.3. Specific end uses
No data available.

8. Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

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Occupational Exposure Limits (WEL/OEL)

Respirable dust

State	8 hour TWA		15 min. STEL		Legal Basis
	ppm	mg/m ³	ppm	mg/m ³	
UK	400	999	500	1250	HSE: EH40/2005 Workplace exposure limits
France	-	-	400	980	Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung: GESTIS International Limit Values
Germany (AGS)	200	500	400 (15 minutes average value)	1000 (15 minutes average value)	
Germany (DFG)	200	500	400 (STV 15 minutes average value)	1000 (STV 15 minutes average value)	
Belgium; Spain; Switzerland	200	500	400	1000	
Ireland	200	-	400 (15 minutes reference period)	-	
Australia; Canada – Québec; New Zealand; Singapore	400	983	500	1230	
Austria	200	500	800	2000	
Canada - Ontario	200	-	400	-	
USA (NIOSH)	400	980	500 (15 minutes average value)	1225 (15 minutes average value)	
USA (OSHA)	400	980	-	-	
Netherlands	-	500	-	-	De Sociaal-Economische: REACH Regulations/DNEL Raad

DNEL / PNEC values: No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: No specific recommendations made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure limit. Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid
Appearance: Colourless
Odour: Alcoholic
Solubility in water: Miscible
Viscosity: Non-viscous
Flash point: 20.5°C
Relative Density: 0.872 – 0.883

9.2. Other information: No data available

10. Stability and reactivity

10.1. Reactivity: No data available.

10.2. Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions: No data available.

10.4. Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials: Strong acids. Aldehydes. Amines. Strong oxidising substances. Other halogenated organics.

10.6. Hazardous decomposition products: In combustion emits toxic fumes.

11. Toxicological information

11.1. Information on toxicological effects

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ORAL RAT LD₅₀ 5840 mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPTICAL	Hazardous: calculated

12. Ecological information

12.1. Toxicity

Species	Test	Value	Units
Fathead minnows	96H LC50	>10000	mg/l

- 12.2. Persistence and degradability: Biodegradable
- 12.3. Bioaccumulative potential: No bioaccumulation potential
- 12.4. Mobility in soil: Soluble in water
- 12.5. Results of PBT and vPvB assessment
PBT identification: This product is not identified as a PBT substance
- 12.6. Other adverse effects: Negligible ecotoxicity

13. Disposal considerations

13.1. Waste treatment methods

Disposal operations:

Transfer to a suitable container and arrange for collection by specialised disposal company. Dispose of waste and residues in accordance with local authority requirements.

NB:

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport information

- 14.1. UN No: UN1219
- 14.2. UN proper shipping name: ISOPROPANOL (ISOPROPYL ALCOHOL)
- 14.3. Transport hazard class(es): Transport class 3
- 14.4. Packing group: II
- 14.5. Environmental hazards
Environmentally hazardous: No
Marine pollutant: No
- 14.6. Special precautions for user
Special precautions: This Product, unopened and in original packaging is classified as Limited Quantity for the purpose of transport and does not require a UN number on the packaging. Limited Quantity for this product is 1 L
- Tunnel code: D/E
- Transport category: 2

15. Regulatory Information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture: no data available
- 15.2. Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or mixture by the supplier.

16. Other information

16.1. Other information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 453/2010.
Contact for enquiries: 0044 (0)1754 767377

16.2. Phrases used in s.2 and 3

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Abbreviations:

EC: European Commission

EINECS: European Inventory of Existing Commercial Substances

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

CAS: Chemical Abstracts Service

GHS: Global Harmonised System

STOT SE: Specific Target Organ Toxicity - Single Exposure

STEL: Short-Term Exposure Limit

OEL: Occupational Exposure Limit

TWA: Time-Weighted Average

DNEL: Derived No-Effect Level

PNEC: Predicted No-Effect Concentration

PBT: Persistent, Bioaccumulative and Toxic

LD50: (Median) Lethal Dose

vPvB: Very Persistent, Very Bioaccumulative

HSE: Health and Safety Executive

STV: Short Term Value

OSHA: Occupational Safety & Health Administration

NIOSH: National Institute for Occupational Safety and Health

16.3. Legal disclaimer

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

Issue 7: Product Identifier section updated

Date of issue: 19 July, 2019