


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

- 1.1 Product identifier** Isopropyl Alcohol Wipes
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Uses: Disinfection of hands and hard surfaces
- 1.3 Details of the supplier of the Safety Data Sheet**
- | | |
|--------------|--|
| Company name | Medisanitize Industries Ltd |
| Address | B5 Buckshaw Link
Buckshaw Village
Chorley
PR7 7EL
UK |
| Telephone | +44(0)1772347771 |
| Email | info@medisanitize.co.uk |
| Website | www.medisanitize.co.uk |
- 1.4 Emergency Telephone Number** 01772347771

2: Hazards identification

- 2.1 Classification of the substance or mixture**
- 2.1.1 Regulation (EC) No 1272/2008 (CLP) H225: Highly flammable liquid and vapour
H319: Causes serious eye irritation
H336: May cause drowsiness or dizziness
H318: Causes serious eye damage
- 2.1.2 Directive 67/548/EEC & Directive 1999/45/EC R11: Highly flammable
R37: Irritant
R67: Vapours may cause drowsiness and dizziness
- 2.2 Label elements**
- 2.2.1 Label elements According to Regulation (EC) No. 1272/2008 (CLP)
- Hazard pictograms
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- Signal word(s) Danger
- Hazard statement(s) H225: Highly flammable liquid and vapour
H319: Causes serious eye irritation
H336: May cause drowsiness or dizziness

H318: Causes serious eye damage

Precautionary statement
Prevention

P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 P261: Avoid breathing vapours.
 P264: Wash hands thoroughly after handling.
 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.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P403+P235: Store in a well-ventilated place. Keep cool
 P233: Keep container tightly closed.
 P273: Avoid release to the environment
 P501 Dispose of contents/container in accordance with national regulations.

2.3 Other hazards

Not classified as PBT or vPvB.

3: Composition/Information on ingredients

3.1 Substances

Chemical Name	Proportion	CAS No.	EC Classification (1272/2008)	EC Classification (67/548/EEC)
Propan-2-ol (Isopropyl alcohol)	68-72%	67-63-0	H225 H319 H336	F; R11 Xi; R36 R67

4: First-aid measures

4.1 Description of first aid measures

Inhalation

Move affected person to fresh air at once. When breathing is difficult, trained personnel may assist affected person by administering oxygen. Get medical attention.

Eye contact

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.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues. Wash contaminated clothing before reuse.

Ingestion Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed
May cause irritation.

5: Fire-fighting measures

- 5.1 Extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
- 5.2 Special hazards arising from the substance or mixture** The product is highly flammable. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.
- 5.3 Advice for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures** Use personal protective equipment as required. Provide adequate ventilation to avoid build-up of vapours. Keep away from heat and sources of ignition. Avoid contact with eyes. Do not breathe mist/vapours/spray.
- 6.2 Environmental precautions** Small spillages: No special measures are required. Large spillages: Do not discharge waste and/or cleaning water via public sewer system. Avoid release to the environment.
- 6.3 Methods and material for containment and cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Allow small spillages to evaporate provided there is adequate ventilation. Contain and adsorb large spillages onto an inert, non-flammable adsorbent carrier. Transfer to suitable, labelled containers for disposal.
- 6.4 Reference to other sections** For recommended personal protective equipment see Section 8. For disposal see Section 13.

7: Handling and storage

- 7.1 Precautions for safe handling** Avoid contact with eyes. Adopt best manual handling considerations when handling, carrying and dispensing. Ensure adequate ventilation
- 7.2 Conditions for safe storage, including any incompatibilities** Keep out of the reach of children. Keep in a cool, dry, well ventilated area. Keep containers tightly closed.
- 7.3 Specific end use** No relevant information available.

8: Exposure controls/personal protection

- 8.1 Control parameters**

Isopropyl Alcohol Wipes

Exposure limit

Substance	8-hour exposure limit	15-minute exposure limit	Source, Type
Isopropanol	400 ppm (999 mg/m ³)	500 ppm (1250 mg/m ³)	EH40 2011

DNELS

	Worker	General population
	Chronic effects	Chronic effects
Human oral	-	26 mg/kg
Human dermal	888 mg/kg/day	319 mg/kg/day
Human inhalation	500 mg/m ³	89 mg/m ³

PNECS

PNEC aqua (freshwater):	140.9 mg/l
PNEC aqua (marine water):	140.9 mg/l
PNEC sediment:	552 mg/kg
PNEC soil:	28 mg/kg

8.2 Exposure controls

Engineering controls

Normal room ventilation is expected to be adequate. If large numbers of wipes are being used in an enclosed space, then additional local exhaust ventilation may be required.

Respiratory protection

None normally required

Individual protection measures

None normally required

Environmental exposure controls

Do not discharge waste and/or cleaning water via public sewer

system. Avoid release to the environment.

9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

White nonwoven fabric pre-saturated with a colourless solution

Odour

Alcohol-like

pH

No information available

Melting point

-88°C (propan-2-ol)

Boiling point:

82°C (propan-2-ol)

Flashpoint:

Approx. 18 - 20°C (70% propan-2-ol)

Evaporation rate:

No information available

Flammability:

Flammable

Upper/lower flammability limits:

Lower flammable/explosive limit: 2.0 % Upper flammable/explosive limit: 12 - 13 % (propan-2-ol)

Isopropyl Alcohol Wipes

Vapour pressure:	6020 Pa (propan-2-ol)
Vapour density:	2 @ 20°C (propan-2-ol)
Relative density:	0.78-0.79 @ 20°C (propan-2-ol)
Partition coefficient:	log Pow: 0.05 OECD 107 (propan-2-ol)
Autoignition temperature:	425°C (propan-2-ol)
Decomposition temperature:	No information available
Viscosity:	2.5 mPa s @ 20°C (propan-2-ol)
Explosive properties:	No information available
Oxidising properties:	No information available

9.2 Other information
None

10: Stability and reactivity

10.1 Reactivity	Stable under normal conditions of storage/use.
10.2 Chemical Stability	Stable under recommended storage and handling conditions.
10.3 Possibility of hazardous reactions	None expected
10.4 Conditions to avoid	Avoid excessive heat. Do not allow to freeze.
10.5 Incompatible materials	Strong oxidising agents.
10.6 Hazardous decomposition products	None known

11: Toxicological information

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its components Propan-2-ol

Propan-2-ol

(a) Acute toxicity	Not expected to present an acute toxicity hazard.
(b) Skin corrosion/irritation	Not expected to be irritating to skin. Prolonged and frequent exposure may dry the skin.
(c) Serious eye damage/irritation	If liquid from the wipe gets into the eye it may cause irritation.
(d) Respiratory/skin sensitization	Not sensitising.
(e) Germ cell mutagenicity	Not mutagenic.
(f) Carcinogenicity	Not carcinogenic.
(g) Reproductive toxicity	No information available.
(h) STOT-single exposure	No information available.
(i) STOT-repeated exposure	No information available.
(j) Aspiration hazard	No information available.

12: Ecological information

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its main components Propan-2-ol

Propan-2-ol

- | | |
|--|---|
| (a) Toxicity | No data available. |
| (b) Persistence and degradability | No data available. |
| (c) Bioaccumulative potential | No data available. |
| (d) Mobility in soil | No data available. |
| (e) Results of PBT and vPvB assessment | not classified as PBT or vPvB according to current EU criteria. |
| (f) Other adverse effects | No data available. |

13: Disposal considerations

13.1 Waste treatment methods Dispose of as special waste in compliance with local, state, or national regulations. Empty containers can be sent to landfill after cleaning, if in compliance with local, state or national regulations.

14: Transport information**Transport hazard class(es)**

UN number	3175
Hazard Class for Transportation	Class 4.1
Packing Group	II
Environmental hazard	Refer to section 12

This product does not need to be transported as dangerous goods, in accordance with UN 3175 Special Provision 216 (ADR/RID/IMDG) and Special Provision A46 (IATA).

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

All components are listed as existing substances in Europe

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product. A Chemical Safety Assessment has been carried out for the active ingredients

16: Other information**Revision information:**

Reviewed – no changes

List of Abbreviations used in this SDS:

CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging Regulation (EC) no 1272/2008
DSD	Dangerous Substances Directive 67/548/EEC
DPD	Dangerous Preparations Directive 1999/45/EC
EC	European Community/Commission
PBT	Persistent, Bioaccumulative and Toxic

REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006
vPvB	very Persistent, very Bioaccumulative

References

CLP Regulation 1272/2008
ECHA Chem database of registered substances
Suppliers' SDS

R Phrases and H Statements used in Section 3

R11 Highly flammable.
R36 Irritating to eyes.
R67 Vapours may cause drowsiness and dizziness.
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation
H336 May cause drowsiness or dizziness
H410 Very toxic to aquatic life with long lasting effects

Training requirements for workers

No specific training required for workers

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting, and working with the material, as well as describing potential risks to the consumer and the environment. This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006 and described in CLP Regulation (EC) No 1272/2008.