

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

Product form : Mixture
Product name : Sporeclear Spray
Type of product : Biocide
Product group : Trade product

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Industrial/Professional use spec : For professional use only
Use of the substance/mixture : Disinfectant spray for non-invasive medical devices
Function or use category : Cleaning and disinfecting agent

1.2.2. Uses advised against

Not for use on invasive medical devices

1.3. Details of the supplier of the safety data sheet

Altos Medical Limited
The Innovation Centre, Sci-Tech Daresbury,
Keswick Lane, Cheshire, WA4 4FS
United Kingdom
T +4401925 607100
info@arcisaltos.com - www.arcisbio.com

1.4. Emergency telephone number

Emergency number : +44(0)1925 607100 9am – 5pm Monday - Friday

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified as dangerous for supply/use.

2.2. Label elements**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) : None
Signal word (CLP) : None
Hazard statements (CLP) : None
Precautionary statements (CLP) : None

2.3. Other hazards

Not known.

SECTION 3: Composition/information on ingredients**3.1. Substance**

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
propan-2-ol, isopropyl alcohol, isopropanol	(CAS No) 67-63-0 (EC no) 200-661-7 (EC index no) 603-117-00-0	0.1 -1	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
alcohol ethoxylate w'th 6.5meo	(CAS No) 68439-45-2	0.1 -1	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318

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didecyldimethylammonium chloride	(CAS No) 7173-51-5 (EC no) 230-525-2 (EC index no) 612-131-00-6	0.1 -1	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314
polyhexamethylene biguanide hydrochloride	(CAS No) 27083-27-8 (EC index no) 616-207-00-X	0.1 – 0.9	Carc. 2, H351 Acute Tox. 4 (Oral), H302 STOT RE 1, H372 Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)
quatary ammonium compounds, benzyl-C8-18-alkyldimethyl, chlorides	(CAS No) 63449-41-2 (EC no) 264-151-6 (EC index no) 612-140-00-5	0.1 - 1	Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing.
- First-aid measures after skin contact : Rinse skin with water.
- First-aid measures after eye contact : If in eyes, rinse cautiously with water for at least 15 minutes.
- First-aid measures after ingestion : Wash out mouth with water.

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

- Symptoms/injuries : None anticipated. Treat symptomatically.

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

Unlikely to be required but if necessary 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

- Fire hazard : Heating may cause a fire.
- Explosion hazard : Product is not explosive.
- Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

- Precautionary measures fire : No special measures required.
- Firefighting instructions : Evacuate area.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

6.2. Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3. Methods and material for containment and cleaning up

Sweep up spilled substance and remove to safe place.

6.4. Reference to other sections

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ensure adequate ventilation, especially in confined areas.
- Storage conditions : Store in a well-ventilated place. Keep cool.
- Incompatible products : Oxidizing agent. Strong acids. Strong bases.

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Incompatible materials : Heat sources. Direct sunlight.

7.3. Specific end use(s)

Cleaning and disinfecting agent.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)		
United Kingdom	Local name	Propan-2-ol
United Kingdom	WEL TWA (mg/m ³)	999 mg/m ³
United Kingdom	WEL TWA (ppm)	400 ppm
United Kingdom	WEL STEL (mg/m ³)	1250 mg/m ³
United Kingdom	WEL STEL (ppm)	500 ppm

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Materials for protective clothing : Wear suitable working clothes

Hand protection : Not normally required

Eye protection : Where splashing of spray solution is possible, wear eye protection

Skin and body protection : Wear suitable working clothes, normally no skin protection is necessary.

Respiratory protection : Normally no personal respiratory protection is necessary

Environmental exposure controls : Do not release large quantities into the surface water or into drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Colorless to pale yellow liquid.

Odour : Characteristic.

Odour threshold : No data available

pH : 4.5 – 7.5

Relative evaporation rate (butylacetate=1) : No data available

Melting point : 0 °C

Freezing point : No data available

Boiling point : > 100 °C

Flash point : > 93 °C

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : Not applicable

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : 0.95 - 1.02

Solubility : Soluble in water.

Log Pow : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosive properties : Not applicable.

Oxidising properties : Not classified.

Explosive limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None anticipated.

10.2. Chemical stability

Stable under normal conditions.

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10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4. Conditions to avoid

None anticipated.

10.5. Incompatible materials

Strong acids. Oxidizing agent. anionic surfactants.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified (Based on available data, the classification criteria are not met)

alcohol ethoxylate w'th 6.5meo (68439-45-2)

LD50 oral rat	300 - 2000
LD50 dermal rat	≥ 2000

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)

LD50 oral rat	5840 mg/kg
LD50 dermal rabbit	16400 mg/kg
LC50 inhalation rat (mg/l)	> 10000 mg/l/4h

Skin corrosion/irritation	: Non-irritant
Serious eye damage/irritation	: Non-irritant
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: There is no evidence of mutagenic potential
Carcinogenicity	: No evidence of carcinogenicity
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Toxicity – Aquatic invertebrates	: Not classified
Toxicity – Fish	: Low toxicity to fish
Toxicity – Algae	: Low toxicity to algae
Toxicity – Sediment Compartment	: This substance has low mobility in sediment
Toxicity – Terrestrial Compartment	: Low toxicity under normal conditions of handling and use

12.2. Persistence and degradability

Sporeclear Wipes

Persistence and degradability	Not known
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12.3. Bioaccumulative potential

Sporeclear Wipes

Bioaccumulative potential	Not known
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12.4. Mobility in soil

Sporeclear Wipes

Ecology - soil	The product has high mobility in soil
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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : None known.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

NOT CLASSED AS DANGEROUS FOR TRANSPORT

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

None.

SDS EU (REACH Annex II)

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