



Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH), and 1272/2008/EC (CLP)

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product name: **Pre-injection Swabs**
Product codes: 742

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

Topical product. No uses advised against identified.

1.3. Details of the supplier of the SDS

Supplier
Reliance Medical Ltd.
West Avenue,
Talke, Stoke-on-Trent,
Staffordshire ST7 1TL
T: +44 8456 448808
E: sales@reliancemedical.co.uk

1.4. Emergency telephone

National Poisons Information Service (UK) 0844 8920111 (Health Professionals only)
National Health Service (UK) 111

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008) Not applicable

2.2. Label elements

The label elements in accordance with CLP Regulation do not apply for this medical device product.

2.3. Other hazards

Not specified.

SECTION 3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable.

3.2. Mixture

CAS No.	EC No.	% [weight]	Name	Classification according to (EC) No 1272/2008 (CLP)
67-63-0	200-661-7	70	Isopropanol	H319, H225, H336

See Section 16 for full text of the R Phrases and H statements declared above.

There is no additional ingredient present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.



SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

General information	Remove affected person from source of exposure. Provide fresh air, first-aid, warmth, and rest. Never give victim anything to drink if they are unconscious. Get medical attention if any discomfort continues
Eye contact	Check for contact lenses which must be removed from the eyes before rinsing. Promptly rinse eyes with plenty of clean water while lifting the eyelids. Continue to rinse for at least 15 minutes. Continue until the eyes are free of all traces of contamination. Get medical attention if any discomfort or irritation persists.
Skin contact	Wash skin with soap. Get medical attention if irritation persists or develops.
Ingestion	If swallowed do NOT induce vomiting. Rinse mouth thoroughly and seek medical attention if discomfort persists. Keep patient under observation.
Inhalation	Clean nose and mouth with water. Artificial respiration may be administered by suitably qualified first aiders. Get medical attention if symptoms persist.

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

No further information available.

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

No further information available.

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Use carbon dioxide, dry powder, foam or water fog, mist or spray. Do not use high pressure water jet as this may spread burning material.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards	Fire causes formation of toxic gases.
Specific hazards	the product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

5.3. Advice for firefighter

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away. Fire water run-off must not be allowed to contaminate ground or enter drains, sewers, or water courses. Provide bunding against fire water run-off.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures.

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation.



6.2. Environmental precautions

Do not let product enter drains or ground water.

6.3. Methods and material for containment and cleaning up

Mix with inert material (e.g., dry sand, vermiculite) and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate the area and wash the spill site after material pick-up is complete.

6.4. Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Wear appropriate protective clothing and safety gloves. Avoid inhalation. Avoid contact with the eyes. Mechanical exhaust required. Keep container tightly closed. Do not expose empty containers to heat, sparks, or open flames. Keep away from ignition sources, heat, and flames. Do not smoke.

7.2. Conditions for safe storage, including any incompatibilities

Store in cool place. Store only in the original packaging. Keep container tightly closed. Do not expose empty containers to heat, sparks, or open flames.

7.3. Specific end use(s)

No specific uses identified.

SECTION 8. EXPOSURE CONTROL

8.1. Control parameters

Name	STD	TWA-8h	STEL-15 min
2-Propanol	WEL	400 ppm 999 mg/m ³	500 ppm 1250 mg/m ³

2-PROPANOL (CAS: 67-63-0)

DNEL

Industry	Inhalation.	Long Term	Systemic Effects	500 mg/m ³
Industry	Dermal	Long Term	Systemic Effects	888 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	89 mg/m ³
Consumer	Dermal	Long Term	Systemic Effects	319 mg/kg/day
Consumer	Oral	Long Term	Systemic Effects	26 mg/kg/day

PNEC

Freshwater	140.9 mg/l
Sediment (Fresh water)	552 mg/kg
Marine water	140.9 mg/l
Sediment (Marine water)	552 mg/kg
Soil	28 mg/kg



STP 2251 mg/l

8.2. Exposure controls

Process conditions	Provide eyewash station.
Engineering measures	Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.
Respiratory equipment	If ventilation is insufficient suitable respiratory protection must be provided. Seek advice and recommendations of the manufacturer or supplier of equipment
Hand protection	Wear suitable protective gloves conforming to EN 374. Seek recommendations from manufacturer or supplier. After using gloves, the hands should be washed and dried thoroughly, and a suitable moisturiser applied.
Eye protection	Contact lenses should not be worn when working with this chemical! Wear approved safety goggles.
Other Protection	Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station and safety shower. Minimise all forms of skin contact. Overalls and footwear with oil and chemical resistant soles should be worn. Launder overalls and undergarments regularly.
Hygiene measures	When using do not eat, drink or smoke

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General Information (based on Isopropanol):

Appearance:	
Form:	Liquid
Colour:	Clear
Odour:	Alcoholic
Odour threshold:	Not determined.
pH-value at 20 °C:	6,6 - 7,4
Change in condition	
Melting point/ Melting range:	- 90 °C
Boiling point/Boiling range:	82.6 °C (212 °F).
Flash point:	12 °C (closed cup)
Flammability (solid, gaseous):	Not applicable.
Auto/Self-ignition temperature:	399 °C
Decomposition temperature:	Not determined.
Danger of explosion:	Not determined.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapour pressure at 20 °C (68 °F):	43.3 hPa 20°C
Density at 20 °C (68 °F):	0.786 g/cm ³ (20 °C)
Relative density	Not determined.
Vapour density	Not determined
Evaporation rate	Not determined.

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Solubility in / Miscibility with water: Fully miscible.
Partition coefficient (n-octanol/water): Not determined.
Viscosity: 3 mPas 20°C
Dynamic: Not determined.
Kinematic: Not determined.

9.2. Other information

No further data available.

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Stability

Stable under normal conditions of storage and use

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Avoid heat, flames, and other sources of ignition.

10.5. Incompatible materials

Strong oxidising substances. Strong acids.

10.6. Hazardous decomposition

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxic Dose 1 - LD 50
4700-5800 mg/kg (oral rat)
Toxic Dose 2 - LD 50
13000 mg/kg (dermal-rabbit)
Toxic Conc. - LC 50
19000 ppm/8hr (inh-rat)

Inhalation	In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness, and nausea.
Ingestion	Gastrointestinal symptoms, including upset stomach.
Skin contact	Repeated exposure may cause skin dryness or cracking. Absorption of organic solvents through the skin can cause the same effects as inhalation.
Eye contact	Irritating to eyes.

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SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

LC 50, 96 Hrs, Fish mg/l 9640-10400
EC 50, 48 Hrs, Daphnia, mg/l 7550-13299
IC 50, 72 Hrs, Algae, mg/l >1000

12.2. Persistence and degradability

No data available.

12.3. Bio accumulative potential

Will not bio-accumulate. Partition coefficient +0.05.

12.4. Mobility in soil

The product is mobile in soil.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

Not known.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Empty containers may contain residual product and flammable vapours. Keep away from sparks, heat, and sources of ignition. Labels should not be removed. Product is hazardous waste. Do not allow into drains, sewers, or water courses.

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Smaller quantities can be disposed of with household waste.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN)	1219
UN No. (IMDG)	1219
UN No. (ICAO)	1219

14.2. UN proper shipping name ISOPROPANOL (ISOPROPYL ALCOHOL)

14.3. Transport hazard class(es)

ADR/RID/ADN Class	3
ADR/RID/ADN Class Class	3: Flammable liquids.
ADR Label No.	3
IMDG Class	3
ICAO Class/Division	3



Transport Labels



14.4. Packing group

ADR/RID/ADN Packing group	II
IMDG Packing group	II
ICAO Packing group	II

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant	No
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14.6. Special precautions for user

EMS	F-E, S-D
Emergency Action Code	•2YE
Hazard No. (ADR)	33
Tunnel Restriction Code	(D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15. REGULATORY INFORMATION

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

Key literature references and sources for data

Approved Supply List Dangerous Substances Directive Dangerous Preparations Directive

Revision comments SDS created in line with REGULATION (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (as amended).

Revision date 11/03/2021

Revision V4

Supersedes date 08/10/2019

Hazard statements in full

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

Legal Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.