



MATERIAL SAFETY DATA SHEET PRE-INJECTION WIPES

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Company: Reliance Medical LTD

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1.3 Phone Number: 08456 448808

2. HAZARD IDENTIFICATION

The liquid contained in the non-woven wipe:

2.1 Classification according to GHS:

2.1.1 Serious eye damage/eye irritation: Category 2A

2.1.2 Reproductive toxicity: Category 2

2.1.3 Specific target organ toxicity – single exposure (kidney, total organs, central nervous system): Category 1

2.1.4 Specific target organ toxicity: Category 3

2.1.5 Specific target organ toxicity - repeated exposure (liver, spleen, blood vessels) –
Category 2

2.1.6 Aspiration hazard: Category 2

2.2 Emergency Overview:

The liquid contained in the non-woven wipe causes serious eye irritation. Suspected of damaging fertility or unborn children. Causes damage to organs: kidneys, organs, and the central nervous system. May cause drowsiness or dizziness. May cause damage to organs through prolonged exposure to the liver, spleen and blood vessels. May be harmful if swallowed or enters airways.

3. INFORMATION ON INGREDIENTS

Ingredient	Concentration	CAS No.	EC No.
Isopropanol	70%	67-63-0	200-661-7

4. FIRST AID MEASURES

4.1 Skin Exposure: In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, seek medical advice.

4.2 Eye Exposure: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, seek medical attention.

4.3 Inhalation Exposure: If inhaled, move to a ventilated area.

4.4 Oral Exposure: If swallowed, immediately wash out mouth with water provided person is conscious. Seek medical attention.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing Media: Water spray, dry chemical, carbon dioxide or foam.

5.2 Firefighting: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

6.1 Procedure of Personal Precaution: Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation.

6.2 Methods for 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.

6.3 Environmental precautions: Do not let product enter drains or ground water.

7. HANDLING AND STORAGE

7.1 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. Electrostatic charges may be generated during pumping. Ensure electrical continuity by bonding all equipment. Take measures to prevent the build up of electrostatic charge. Keep away from ignition sources, heat and flames. Do not smoke.

7.2 Storage: 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 Incompatibilities: Oxidizing agents, acid anhydrides, aluminum, halogenated compounds, acids.

8. EXPOSURE CONTROL/PPE

8.1 Control parameters:

Isopropanol:

ACGIH TLV (TWA) 200ppm

ACGIH (STEL): 400ppm

8.2 Personal Protective Equipment:

8.2.1 Respiratory: Government approved respirator.

8.2.2 Eye: Chemical safety goggles

8.2.3 Clothing: Wear appropriate anti-electrostatic protective clothing.

8.2.4 Hand: Compatible chemical-resistant gloves.

8.2.5 Other Protection: Wash thoroughly after handling. No smoking.

9. PHYSICAL CHEMICAL PROPERTIES

9.1 Form: White wet non-woven.

9.2 Odour: Weak penetrating odour.

9.3. pH Value: 6.7 (25C, 50.0 g/L).

9.4 Solubility: Partial soluble in water.

10. STABILITY AND REACTIVITY

10.1 Stability: Stable under normal temperatures and pressures.

10.2 Conditions to avoid: Heat, flames and sparks. Extremes of temperature and direct

sunlight.

10.3 Materials to avoid: Oxidizing agent, acid anhydrides, aluminum, halogenated compounds, acids.

10.4 Hazardous Polymerization: Will not occur.

10.5 Hazardous Decomposition Products: Carbon Oxides.

11. TOXOLOGICAL INFORMATION

11.1 Liquid contained in the non-woven. Toxicity Data:

Isopropanol:

Oral	Rat	LD50	5045 mg/kg
Inhalation	Rat	LD50	16000 ppm/8H
Skin	Rabbit	LD50	12800 mg/kg

11.2 Primary Irritant effect:

11.2.1 On Skin: No data available.

11.2.2 On the eyes: Causes serious eye irritation.

11.2.3 Reproductive toxicity: Suspected of damaging fertility or the unborn child.

11.2.4 Specific target organ toxicity – single exposure: Causes damage to organs (kidney, organs, central nervous system. May cause drowsiness or dizziness.

11.2.5 Specific target organ toxicity - repeated exposure: May cause damage to organs through prolonged exposure (liver, spleen, blood vessels)

11.2.6 Aspiration hazard: May be harmful if swallowed and enters airways.

12. ECOLOGICAL INFORMATION

12.1 Liquid contained in the non-woven:

12.2 Ecotoxicity: Isopropanol:

12.2.1 Toxicity to fish LC50 – Fathead Minnow – 9640 mg/l – 96h

12.2.2 Toxicity to other aquatic invertebrates EC50 – Water Flea – 5101 mg/l – 24h

12.2.3 Toxicity to Algae - Immobilization EC50 – Green algae – 2000mg/l – 72h

13. DISPOSAL CONSIDERATION

Appropriate method of disposal of substance:

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all state and local environmental regulations.

14. TRANSPORT INFORMATION

IATA: It is not restricted to IATA DGR according to special provision A46.

IMO: It is not restricted to IMDG Code according to special provision 216.

15. REGULATORY INFORMATION

15.1 REGULATION (EC) NO.1272/2008:

The liquid contained in the non-woven:

- 14.1.1 Serious eye damage/eye irritation:** Category 2A
- 14.1.2 Reproductive toxicity:** Category 2
- 14.1.3 Specific target organ toxicity – single exposure (kidney, total organs, central nervous system):** Category 1
- 14.1.4 Specific target organ toxicity:** Category 3
- 14.1.5 Specific target organ toxicity - repeated exposure (liver, spleen, blood vessels) –**
Category 2
- 14.1.6 Aspiration hazard:** Category 2

16. OTHER INFORMATION

For further information, please contact Reliance Medical LTD.

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