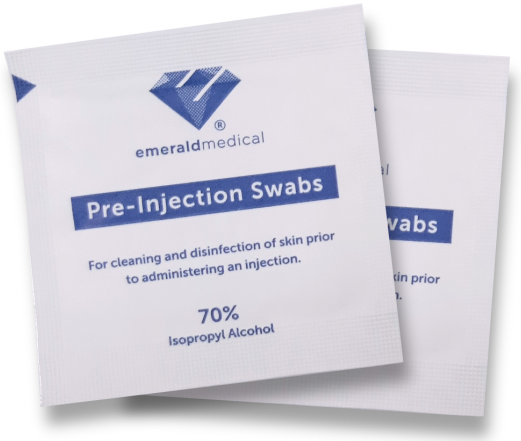
# Safety Data Sheet

## Pre-Injection Swab




## Section 1: Product & Company Identification

| | |
|---|---|
| **Product name** | Pre-Injection Swab |
| **Product use** | Used for skin cleansing prior to an injection |
| **Manufacturer** | Ningbo Yingmed Medical Instruments Co. Ltd. |
| **Address** | Room 1201-9, Yingsheng Building,<br>No. 456 Tai'an Road, Southern Business Zone<br>Yinzhou District, Ningbo,<br>Zhejiang Province, China |
| **Distributor** | Emerald Medical Limited |
| **Tel** | +44 28 7134 5188 |
| **Website** | www.emerald-medical.co.uk |

## Section 2: Composition/ingredients

| Ingredient | CAS No. | % By Weight |
|---|---|---|
| Isopropyl alcohol | 67-63-0 | 5-15% |
| Distilled water | N/A | 2- 8% |
| Non-woven pad | Unknown | 5-10% |
| Paper/aluminium wrapper | Unknown | 60-70% |

## Section 3: Possible hazards

Emergency overview

**Colour:** white nonwoven pad impregnated with colourless liquid

**Odour:** with alcohol odour

**General physical form:** white nonwoven pad impregnated with colourless liquid

**Once opened:** releases a small amount (<1 gram) of flammable liquid.

**Eye contact:** May cause temporary irritation by direct liquid contact with the eye.

The vapour level at room temperature will not be sufficient to cause any health problems.



**Skin contact:** Prolonged skin contact or repeated exposure not likely to cause significant skin irritation unless there was a pre-existing skin disorder. Symptoms may include redness and dryness.

**Inhalation:** Only slightly harmful if inhaled. Hot vapours may cause upper respiratory tract irritation.

## Section 4: First aid measures

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed:

**Eye contact:** Rinse eye with water for 15 minutes, whilst lifting eyelid. Get medical attention if effects persist.

**Skin contact:** Wash thoroughly with soap and water.

**Inhalation:** Move individual to fresh air. Seek medical attention if effects persist. Restore and/or support breathing as required.

**If swallowed:** In the unlikely event that a wipe was swallowed. Do NOT induce vomiting. Give water to dilute the small amount of isopropanol present. Get medical attention.

## Section 5: Firefighting measures

Flammable vapours from product are heavier than air and may travel a considerable distance to an ignition source and flashback.

| | |
|---|---|
| **Suitable extinguishing media** | In case of fire, use carbon dioxide, dry chemical or alcohol foam fire extinguisher |
| **Exposure hazards** | N/A |
| **Protective equipment for fire-fighters** | Wear self-contained breathing apparatus and protective clothing |

## Section 6: Accidental release measures

Accidental release measures: Small spills should be wiped up. For large spills, remove all sources of heat and ignition and absorb with sand or vermiculite. Ventilate area to dissipate vapours.

## Section 7: Handling and storage

| | |
|---|---|
| **Handling** | Store in a cool well-ventilated area away from sources of ignition, heat, sparks, flames and strong oxidising agents. |
| **Protection against fire and explosion** | Once Opened the Hazard Category is FLAMMABLE R10 Flammable<br>S16 - Keep away from ignition sources - No smoking.<br>S25 - Avoid eye contact.<br>S26 - In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. |
| **Storage** | Store in cool dry place in temperature limited from 0-40 C. |

The sachets (as transported and stored) are not Dangerous Goods or Scheduled Poison.

## Section 8: Exposure controls/personal protection

1. Engineering controls:

2. Personal protective equipment:

2.1. Eye/face protection:

2.2. Skin protection:

2.3 Respiratory protection:

2.4 Prevention of swallowing:

Exposure Standards for Isopropyl Alcohol =TWA 400 ppm (983 mg/m3), STEL 500 ppm (1230 mg/m3).

Provide good ventilation. Keep separate from ignition sources.

Avoid prolonged skin and eye contact. Avoid breathing vapours in enclosed spaces. Ensure good dilution ventilation is available. Where many wipes are to be used consecutively, wear solvent resistant gloves (e.g. Butyl, Nitrile Rubber, Neoprene and for short exposures PVC) and eye protection.

## Section 9: Physical and Chemical properties

| | |
|---|---|
| **Colour** | White nonwoven pad impregnated with colourless liquid |
| **General physical form** | White nonwoven pad impregnated with colourless liquid |
| **Odour** | With alcohol odour |
| **Autoignition Temp** | N/A |
| **Flash point** | N/A |
| **Flammable limits-LEL** | Lower FL: 2.0% |
| **Flammable Limits- UEL** | Upper FL: 12.7% |
| **Boiling Point** | 82°C (Isopropanol) |
| **Vapour Density** | N/A |
| **Specific gravity** | 0.87 |
| **PH** | N/A |
| **Solubility in water** | Solvent is miscible in water |
| **Evaporation rate** | N/A |
| **Volatile organic compounds** | N/A |
| **Percent volatile** | 50% approx. |
| **VOC less H2O & exempt solvents** | N/A |
| **Viscosity** | N/A |

## Section 10: Stability and reactivity

| | |
|---|---|
| **Conditions to avoid** | Heat and ignition sources. |
| **Hazardous decomposition products** | Carbon monoxide. |
| **Additional information** | Stable at room temperature. |
| | Incompatible Materials: Avoid contact with strong oxidising agents |
| | Hazardous Polymerisation: Will not occur. |

## Section 11: Toxicological information

N/A

## Section 12: Ecological information

Eco-toxicological information: not determined. Chemical Fate information: not determined.

## Section 13: Disposal considerations

Waste disposal method:

Dispose of in accordance with all applicable local and national regulations.

## Section 14: Transport information

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment.

U.S. DOT Hazard Class: Not regulated as hazardous UN Number: Not regulated as hazardous

## Section 15: Regulatory information

International regulations: Contact Emerald Medical Limited for more information.

***Disclaimer:*** The information contained herein is based on the present state of knowledge and does not therefore guarantee certain properties. The technical safety information sheet only describes the products in aspect to their safety requirements.

Recipients of our products must take on responsibility for observing existing laws and regulations.