Jackson Allison
Medical & Surgical Ltd

# SAFETY DATA SHEET

According to
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

## Section 1. Identification of the material and the supplier

| | |
|---|---|
| Product: | **Alcohol Prep Pad** |
| Product Use: | Alcohol Prep Pad |
| Restriction of Use: | Refer to Section 15 |
| New Zealand Supplier: | **Jackson Allison Medical & Surgical Ltd** |
| Address: | 56 Lunn Avenue,<br>Mt Wellington,<br>Auckland 1072 |
| Telephone: | 0800 333 103 |
| **Emergency No:** | **0800 764 766 (National Poison Centre)** |
| Date of SDS Preparation: | 25 February 2025 |

## Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

**EPA Approval No: Cosmetic Products – HSR002552**

**Pictograms**



Signal Word: **DANGER**

| GHS Classification and Category | Hazard Code | Hazard Statement |
|---|---|---|
| Flammable Liquids Cat. 2 | H225 | Highly flammable liquid and vapour. |
| Eye irritation Cat. 2 | H319 | Causes serious eye irritation. |

| Prevention Code | Prevention Statement |
|---|---|
| P103 | Read carefully and follow all instructions. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P233 | Keep container tightly closed. |
| P240 | Ground and bond container and receiving equipment. |
| P241 | Use explosion-proof [electrical, ventilating and lighting] equipment |
| P242 | Use non-sparking tools. |
| P243 | Take action to prevent static discharge. |
| P264 | Wash hands thoroughly after handling. |

| | |
|---|---|
| P280 | Wear protective clothing [as detailed in SDS Section 8]. |

| Response Code | Response Statement |
|---|---|
| P303 + P361+P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| 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. |
| P370 + P378 | In case of fire: Use carbon dioxide (CO2), foam, dry powder to extinguish. |

| Storage Code | Storage Statement |
|---|---|
| P403 + P235 | Store in a well-ventilated place. Keep cool. |

| Disposal Code | Disposal Statement |
|---|---|
| P501 | Dispose of according to Local Regulations or Authorities |

## Section 3. Composition / Information on Hazardous Ingredients

| Ingredients | Wt% | CAS NUMBER. |
|---|---|---|
| 2-Propanol | 65-75 | 67-63-0 |
| Non Hazardous Ingredients | To 100% | |

## Section 4. First Aid Measures

Routes of Exposure:

If in Eyes — Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

If on Skin — Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: get medical advice/attention.

If Swallowed — Wash out mouth thoroughly with water. Never give anything to the mouth of an unconscious person. Seek medical attention if needed.

If Inhaled — Remove person to fresh air. Get medical advice if breathing becomes difficult.

**Most important symptoms and effects, both acute and delayed**

Symptoms:

**Ingestion:** Not applicable.
**Inhalation:** Not applicable.
**Skin:** Not applicable.
**Eye:** Causes eye irritation.

## Section 5. Fire Fighting Measures

| | |
|---|---|
| **Hazard Type** | Highly Flammable Liquid or Vapour |
| **Hazards from combustion products** | Carbon oxides. |
| **Suitable Extinguishing media** | Carbon dioxide (CO2), Foam, Dry powder. |
| **Precautions for firefighters and special protective clothing** | In the event of fire, wear self-contained breathing apparatus. Vapors are heavier than air and may spread along floors. Development of hazardous combustion gases or vapours possible in the event of fire. Forms explosive mixtures with air at ambient temperatures. |
| **HAZCHEM CODE** | **2YE** |

## Section 6. Accidental Release Measures

**For Industrial Settings:**
Wear protective gear as detailed in Section 8. Ventilate spillage area. Do not breathe vapors, aerosols. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate non-essential personnel.

Avoid release to the environment.

Take up with liquid-absorbent material. Dispose of properly. Clean up affected area. Dispose as per Section 13.

## Section 7. Handling and Storage

**Precautions for Handling:**

- Read carefully and follow all instructions.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep container tightly closed.
- Ground and bond container and receiving equipment.
- Use explosion-proof [electrical, ventilating and lighting] equipment.
- Use non-sparking tools.
- Take action to prevent static discharge.
- Wash hands thoroughly after handling.
- Wear protective clothing [as detailed in SDS Section 8].
- Avoid contact with eyes.

**Precautions for Storage:**

- Store away from incompatible materials listed in Section 10.
- Keep container tightly closed in a dry and well-ventilated place.
- Keep away from heat and sources of ignition.

## Section 8 Exposure Controls / Personal Protection

**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

| Substance | | TWA ppm | TWA mg/m³ | STEL ppm | STEL mg/m³ |
|---|---|---|---|---|---|
| Isopropyl alcohol | [67-63-0] | 200 | 491 | 400 | 983 |

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices FEB 2025 15TH EDITION.

**Engineering Controls**
Ensure good ventilation of the work station.

**Personal Protection Equipment**



| | |
|---|---|
| **Eyes** | Wear suitable safety glasses. |
| **Hands** | Wear suitable protective gloves. |
| **Skin** | Wear suitable protective clothing. |

| | |
|---|---|
| **Respiratory** | In case of insufficient ventilation, wear suitable respiratory equipment (Filter A) |
| **General** | Follow good hygiene |

## Section 9 Physical and Chemical Properties

| | |
|---|---|
| **Appearance** | Liquid in Non-woven cloth at 45gsm |
| **Colour** | White |
| **Odour** | Alcoholic |
| **Odour Threshold** | Not available |
| **pH** | Not available |
| **Boiling Point** | Not available |
| **Melting Point** | Not available |
| **Freezing Point** | Not available |
| **Flash Point** | Not available |
| **Flammability** | Highly Flammable |
| **Upper and Lower Explosive Limits** | Not available |
| **Vapour Pressure** | Not available |
| **Vapour Density** | Not available |
| **Specific Gravity** | Not available |
| **Water Solubility** | Not available |
| **Partition Coefficient:** | Not available |
| **Auto-ignition Temperature** | Not available |
| **Decomposition Temperature** | Not available |
| **Kinematic Viscosity** | Not available |
| **Particle Characteristics** | Not available |

## Section 10. Stability and Reactivity

| | |
|---|---|
| **Stability of Substance** | This product is stable under normal conditions. |
| **Reactivity** | No data available. |
| **Possibility of hazardous reactions** | No data available. |
| **Conditions to Avoid** | Sources of ignition. |
| **Incompatible Materials** | Strong oxidizing agents |
| **Hazardous Decomposition Products** | No data available. |

## Section 11 Toxicological Information

**Acute Effects:**

| | |
|---|---|
| **Swallowed** | This product is not classified as acutely toxic. |
| **Dermal** | This product is not classified as acutely toxic. |
| **Inhalation** | This product is not classified as acutely toxic. |
| **Eye** | Causes serious eye irritation. |
| **Skin** | This product is not classified a skin irritant/corrosive. |

**Chronic Effects:**

| | |
|---|---|
| **Carcinogenicity** | This product is not classified as carcinogenic. |
| **Reproductive Toxicity** | This product is not classified as toxic for reproduction. |
| **Germ Cell Mutagenicity** | This product is not classified as mutagenic. |
| **Aspiration** | This product is not classified as Asp Tox. |

| | |
|---|---|
| **STOT/SE** | This product is not classified as STOT SE. |
| **STOT/RE** | This product is not classified as STOT RE. |

## Section 12. Ecotoxicological Information

Not hazardous to the environment.

| **Product:** | |
|---|---|
| **Persistence and degradability** | No data available |
| **Bioaccumulation** | No data available |
| **Mobility in Soil** | No data available |
| **Other adverse effects** | No data available |

## Section 13. Disposal Considerations

**Disposal Method:**
Spent media that has removed toxic chemicals should be examined for specific hazards. Spilled product may be recovered for use if it has not come in contact with liquids or been exposed to significant amounts of gaseous contaminants. Dispose of according to Local Regulations.

Ensure any container holding waste product or contaminated spill media is labelled "Hazardous Waste – "Flammable Liquid" and that the label also has the Flammable Pictogram, waste type identifier, and the business name, address, and phone number.

**Precautions or methods to avoid:** None known.

## Section 14 Transport Information

**This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2020 and SNZ HB 5433:2021**

**Road, Rail, Sea and Air Transport**

| **UN No** | 1274 |
|---|---|
| **Class - Primary** | 3 |
| **Packing Group** | II |
| **Proper Shipping Name** | n-PROPANOL |
| **Marine Pollutant** | No |
| **Special Provisions** | If the product's individual container is below 1L/kg, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG. |

## Section 15 Regulatory Information

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Cosmetic Products – HSR002552

| **HSW (HS) Regulations 2017 and EPA Notices** | **Trigger Quantity** |
|---|---|
| Certified Handler | Not required |
| Location Certificate | 100L (>5L); 250L (<5L); 50L open |
| Tracking Trigger Quantities | Not required |
| Signage Trigger Quantities | 250L |
| Emergency Response Plan | 1000L |
| Secondary Containment | 1000L |
| Restriction of Use | Only use for the intended purpose. |

## Section 16 Other Information

### Glossary

| | |
|---|---|
| Cat | Category |
| $EC_{50}$ | Median effective concentration. |
| EEL | Environmental Exposure Limit. |
| EPA | Environmental Protection Authority |
| HSNO | Hazardous Substances and New Organisms. |
| HSW | Health and Safety at Work. |
| $LC_{50}$ | Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it. |
| $LD_{50}$ | Lethal dose to kill 50% of test animals/organisms. |
| LEL | Lower explosive level. |
| OSHA | American Occupational Safety and Health Administration. |
| TEL | Tolerable Exposure Limit. |
| TLV | Threshold Limit Value-an exposure limit set by responsible authority. |
| UEL | Upper Explosive Level |
| WES | Workplace Exposure Limit |

References:


1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Feb 2025 15th edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017


Disclaimer

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Please contact the New Zealand distributor, if further information is required.

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