1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER	
1.1. Product (material) name:	Micro Defence Alcohol Spray
1.2. Other names:	Alcohol Spray, Hand & Surface Spray
1.3. Recommended use:	Sanitising skin and surfaces
1.4. Supplier:	Caronlab Australia Pty Ltd
1.5. Address:	148-150 Victoria Street, North Geelong, Victoria, 3215, Australia
1.6. Phone:	(03) 5221 1363
1.7. Fax:	(03) 5227 4950
1.8. Email:	info@caronlab.com.au
1.9. Emergency Contacts:	Poisons Information Centre (Australia) 13 11 26
2. HAZARDS IDENTIFICATION	
2.1. Hazard classification:	Flammable Liquids – Category 2, causes serious eye irritation
2.2. Risk phrase(s):	H225, H319
2.3. Safety phrase(s)	P210,P233, P280, P240, P241, P242, P243, P403 + P235, P501

3. INGREDIENTS

Ingredient	CAS number	Concentration (% v/v)
Isopropyl Alcohol OR Alcohol Denat.	67-63-0 OR 64-17-5	75% Isopropyl Alcohol OR 80% Ethanol
Water/Aqua	7732-18-5	10 - <30%
Glycerin	56-81-5	1.45
Hydrogen Peroxide	7722-84-1	0.125

4. FIRST AID MEASURES	
4.1. Description of necessary first aid measures	
Ingestion:	Rinse mouth out with water. Do not attempt to induce vomiting unless directed to do so by a physician. Drink one or two glasses of water to dilute the product. Never give anything by mouth to an unconscious person. Seek medical attention immediately.
Eye:	Immediately flush with water for 15 minutes including under eyelids. If person is wearing contact lenses, remove them prior to flushing. Seek medical attention
Skin:	Unlikely to cause skin irritation following brief or occasional contact. However, repeated or prolonged contact may cause skin irritation and eventually lead to dermatitis.
Inhalation:	Vapours may cause irritation to upper respiratory tract and may cause depression of the central nervous system. If breathing difficulties are experience, seek medical attention.
4.2. Medical Attention And Special Treatment	
First Aid Facilities:	A source of clean water should be available in the work area for flushing eyes and skin.
Comments:	None
5. FIRE FIGHTING MEASURES	
5.1. Suitable extinguishing media:	Flammable. Dry chemical, carbon dioxide or foam may be used. Water spray to cool fire only.
5.2. Hazards from combustion products:	During a fire irritating and toxic gases maybe produced by combustion or thermal decomposition.
5.3. Special protective precautions and equipment for fire fighters:	Move exposed containers from fire areas if possible. When fighting fires involving significant quantities of this product, fire -fighters should wear safety footwear, non-flammable gloves, overalls, hat, goggles and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES	
6.1. Emergency procedures:	Prevent product from entering drains
6.2. Methods and materials for containment and clean up:	Minor spills: mop up bulk and dilute remainder with water. Major spills: treat as industrial waste
7. HANDLING AND STORAGE	
7.1. Precautions for safe handling:	Observe precautions found on label. Handle in accordance with good industrial hygiene and safety practice.
7.2. Conditions for safe storage, including any incompatibilities:	Product is regulated as a Class 3 Dangerous Goods when stored in quantities exceeding 300mL. Keep container closed. Store in a cool, dry place. Keep away from fire or flame.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1. National exposure standards	None allocated
8.2. Biological limit values	None allocated
8.3. Engineering controls	Use in a well-ventilated area.
8.4. Personal protective equipment	Gloves may be used to minimise contact.
9. PHYSICAL AND CHEMICAL PROPERTIES	
9.1. Appearance:	Clear to cloudy liquid
9.2. Odour:	Characteristic of alcohol
9.3. pH:	4.4 – 8.4 (20°C)
9.4. Vapour Pressure:	4.1 kPa @ 20°C (isopropyl alcohol) OR 5.7 kPa @ 20°C (ethanol)
9.5. Vapour density:	Not known
9.6. Boiling point/range:	82.5°C (isopropyl alcohol) OR 5.7 kPa @ 20°C (ethanol)
9.7. Melting point:	Not applicable
9.8. Solubility in water:	Soluble
9.9. Specific gravity:	0.85 – 0.90 g/mL
9.10. Flash Point:	22-24°C
9.11. Viscosity at room temperature:	liquid
9.12. Percent volatile:	Not known
10. STABILITY AND REACTIVITY	
10.1. Chemical Stability:	Stable under normal conditions
10.2. Conditions to avoid:	Not known
10.3. Incompatible materials:	No particular incompatibilities
10.4. Hazardous decomposition products:	Combustion may yield small amounts of oxides of carbon, smoke, incomplete combustion products, flammable hydrocarbons.
10.5. Hazardous reactions:	None known
11. TOXICOLOGICAL INFORMATION	
11.1. Likely routes of exposure:	Skin, eyes, inhaled.
11.2. Health effects from the likely routes of exposure:	
11.2.1. Acute	No specific toxicological data is available.
Ingestion:	Product may induce nausea, vomiting, pain & diarrhoea.
Eye:	Product may induce pain, redness, swelling and tearing.
Skin:	Not expected to be an irritant.
Inhalation:	May cause irritation of the upper respiratory tract
11.2.2. Chronic	No long term effects are known.
11.3. Other Information:	None
12. ECOLOGICAL INFORMATION	
12.1. Ecotoxicity:	Avoid product entering drains
12.2. Persistence and degradability:	Readily biodegradable
12.3. Mobility:	Ethanol is expected to have high mobility in soil
13. DISPOSAL CONSIDERATIONS	
13.1. Disposal methods and containers:	Do not allow wash water from cleaning or process equipment to enter drains. Dispose of according to local and state regulations.

	Contact relevant authority for details. No special considerations for containers.
13.2. Special precautions for landfill or incineration:	As above
14. TRANSPORT INFORMATION	
14.1. UN Number:	1219 OR 1170
14.2. UN Proper Shipping Name:	Isopropyl Alcohol OR Ethanol
14.3. Class and subsidiary risk:	Class 3
14.4. Packing Group:	II OR III
14.5. Special precautions for user:	Not applicable
14.6. Hazchem Code:	2 YE 2[Y]
15. REGULATORY INFORMATION	
15.1. Regulatory Status:	Not applicable
16. OTHER INFORMATION	
16.1. Document Information:	Document Issued 17/06/2026 Replaces 03/10/2022
16.2. Additional Information:	The information contained in this SDS is, to the best of Caronlab Australia's knowledge and belief, accurate and reliable as of the date issued. The information is provided without any warranty, expressed or implied regarding its correctness or accuracy. Similarly, no warranty expressed or implied shall be created or inferred regarding the product described in this MSDS and Caronlab Australia Pty Ltd will not assume liability for any loss or damage arising out of the use of this information. It is the user's responsibility to satisfy itself that the product is suitable for its intended use.