

# SAFETY DATA SHEET



## DEOSTOR EXTREME

ACTICHEM PTY LTD

Product code: AP523.05

Version No: 2.4

Issue date: 01/10/2025

Safety Data Sheet according to WHS and ADG requirements

### SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### Product Identifier

|                      |                                                            |
|----------------------|------------------------------------------------------------|
| Product name         | DEOSTOR EXTREME                                            |
| Product code         | AP523.05                                                   |
| Pack sizes           | 1L & 5L                                                    |
| Proper shipping name | FLAMMABLE LIQUID N.O.S. (contains isopropanol and ethanol) |

#### Relevant identified uses of the substance or mixture and uses advised against

|                          |                                |
|--------------------------|--------------------------------|
| Relevant identified uses | Odour neutralizing concentrate |
|--------------------------|--------------------------------|

#### Details of the manufacturer/importer

|                         |                                               |
|-------------------------|-----------------------------------------------|
| Registered company name | ACTICHEM PTY LTD                              |
| Address                 | 11 Gamma Close, Beresfield 2322 NSW Australia |
| Telephone               | (02) 4966 5516                                |
| Website                 | www.actichem.com.au                           |
| Email                   | info@actichem.com.au                          |

#### Emergency telephone number

|                                   |                            |
|-----------------------------------|----------------------------|
| Association / Organisation        | Poisons Information Centre |
| Emergency telephone numbers       | 13 11 26                   |
| Other emergency telephone numbers | Not Available              |

### SECTION 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

HAZARDOUS CHEMICAL.-DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

|                    |                                                                                                                                                          |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Poisons Schedule   | Not Applicable                                                                                                                                           |
| GHS Classification | Eye Irritation Category 2A, Sensitisation (Skin) Category 1, Flammable Liquid Category 3, Carcinogenicity Category 1B, STOT (Single Exposure) Category 3 |
|                    | Classification drawn from HCIS and ECHA Inventory and Supplier's SDSs.                                                                                   |

#### Label elements

|                   |                                                                                                                                                                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard pictograms |    |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|             |        |
|-------------|--------|
| SIGNAL WORD | DANGER |
|-------------|--------|

#### Hazard statement(s)

|      |                                     |
|------|-------------------------------------|
| H226 | Flammable liquid and vapour         |
| H319 | Causes serious eye irritation       |
| H317 | May cause an allergic skin reaction |
| H350 | May cause cancer.                   |
| H336 | May cause drowsiness or dizziness.  |

This SDS and the hazard classifications contained herein only apply to the product in its concentrated form as supplied. When diluted to 1:25 or more the solution becomes non-hazardous. However, good hygiene and housekeeping practices should be adhered to

#### Precautionary statement(s) Prevention

|      |                                                                            |
|------|----------------------------------------------------------------------------|
| P201 | Obtain special instructions before use.                                    |
| P202 | Do not handle until all safety instructions have been read and understood. |
| P281 | Use personal protective equipment as required.                             |
| P210 | Keep away from heat/sparks/open flames/hot surfaces. - No smoking          |
| P233 | Keep container tightly closed.                                             |
| P240 | Ground/Bond container and receiving equipment                              |
| P241 | Use explosion-proof electrical/ventilating/lighting equipment.             |
| P242 | Use only non-sparking tools.                                               |
| P243 | Take precautionary measures against static discharge.                      |
| P280 | Wear protective gloves and eye protection                                  |
| P261 | Avoid breathing mists/vapours/spray.                                       |
| P264 | Wash thoroughly after handling.                                            |
| P271 | Use only outdoors or in a well-ventilated area.                            |
| P272 | Contaminated work clothing should not be allowed out of the workplace      |

#### Precautionary statement(s) Response

|                          |                                                                                                                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| P303+P361+P353+P333+P313 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Wash with plenty of water and soap. If skin irritation or rash occurs, get medical advice / attention.           |
| P305+P351+P338+P337+P313 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| P304+P340+P312           | IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call POISON CENTRE or doctor if you feel unwell.                                             |
| P370+P378                | In case of fire: Use alcohol resistant foam or normal protein foam for extinction.                                                                                                            |
| P363                     | Wash contaminated clothing before reuse.                                                                                                                                                      |

#### Precautionary statement(s) Storage

|                     |                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------|
| P405+P403+P235+P233 | Store locked up. Store in a well-ventilated place. Keep cool. Keep container tightly closed. |
|---------------------|----------------------------------------------------------------------------------------------|

#### Precautionary statement(s) Disposal

|      |                                                                                 |
|------|---------------------------------------------------------------------------------|
| P501 | Dispose of contents / container in accordance with local government regulations |
|------|---------------------------------------------------------------------------------|

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### Substances

See section below for composition of Mixtures.

#### Mixtures

| CAS No       | %[weight] | Name                         |
|--------------|-----------|------------------------------|
| 67-63-0      | 30 – 60   | <u>isopropanol</u>           |
| 64-17-5      | 10 - <30  | <u>ethanol-</u>              |
| Trade secret | <10       | <u>proprietary fragrance</u> |
| 57-55-6      | <10       | <u>propylene glycol</u>      |
| 8000-48-4    | <10       | <u>eucalyptus oil</u>        |

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

### SECTION 4 FIRST AID MEASURES

#### Description of first aid measures

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye Contact  | <p>If this product comes in contact with the eyes:</p> <p>Wash out immediately with fresh running water.</p> <p>Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.</p> <p>If pain persists or recurs seek medical attention.</p> <p>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</p> |
| Skin Contact | <p>If skin contact occurs:</p> <p>Immediately remove all contaminated clothing, including footwear.</p> <p>Flush skin and hair with running water (and soap if available).</p> <p>Seek medical attention in event of irritation or rash.</p>                                                                                                                                                                                                 |
| Inhalation   | <p>If vapours or spray are inhaled remove from contaminated area into fresh air.</p> <p>If breathing is difficult obtain medical advice/attention without delay.</p>                                                                                                                                                                                                                                                                         |
| Ingestion    | <p>Immediately give a glass of water.</p> <p>First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.</p>                                                                                                                                                                                                                                                                                         |

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

Treat symptomatically.

## SECTION 5 FIREFIGHTING MEASURES

### Extinguishing media

|                     |                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Extinguishing media | Alcohol stable foam.<br>Dry chemical powder.<br>BCF (where regulations permit).<br>Carbon dioxide.<br>Water spray or fog - large fires only. |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------|

### Special hazards arising from the substrate or mixture.

|                        |                                           |
|------------------------|-------------------------------------------|
| Fire incompatibilities | Avoid contamination with oxidising agents |
|------------------------|-------------------------------------------|

### Advice for firefighters

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire fighting         | Alert Fire Brigade and tell them location and nature of hazard.<br>May be violently or explosively reactive.<br>Wear breathing apparatus plus protective gloves in the event of a fire.<br>Prevent, by any means available, spillage from entering drains or water course.<br>Consider evacuation (or protect in place).<br>Fight fire from a safe distance, with adequate cover.<br>If safe, switch off electrical equipment until vapour fire hazard removed.<br>Use water delivered as a fine spray to control the fire and cool adjacent area.<br>Avoid spraying water onto liquid pools.<br><b>Do not approach containers suspected to be hot.</b> |
| Fire/Explosion Hazard | <b>Contains low boiling substance:</b> Closed containers may rupture due to pressure buildup under fire conditions.<br>Liquid and vapour are highly flammable.<br>Severe fire hazard when exposed to heat, flame and/or oxidisers.<br>Vapour may travel a considerable distance to source of ignition.<br>Heating may cause expansion or decomposition leading to violent rupture of containers.<br>On combustion, may emit toxic fumes of carbon monoxide (CO), carbon dioxide (CO2) and other pyrolysis products typical of burning organic material                                                                                                  |
| HAZCHEM               | 3Y                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Minor Spills | Minor environmental hazard - contain spillage.<br>Clean up all spills immediately.<br>Avoid breathing vapours and contact with skin and eyes.<br>Control personal contact with the substance, by using protective equipment.<br>Contain and absorb spill with sand, earth, inert material or vermiculite.<br>Wipe up.<br>Place in a suitable, labelled container for waste disposal.                                                                                                                          |
| Major Spills | Minor environmental hazard - contain spillage.<br>Wear eye protection plus protective gloves.<br>Prevent, by any means available, spillage from entering drains or water course.<br>Stop leak if safe to do so.<br>Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labelled drums and dispose of according to local government regulations.<br>Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle. |
| PPE          | Personal Protective Equipment advice is contained in Section 8 of the SDS.                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## SECTION 7 HANDLING AND STORAGE

### Precautions for safe handling

|                   |                                                                                                                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safe handling     | Wear respiratory protection and eye protection when risk of exposure occurs.<br>Use in a well-ventilated area.<br>Avoid contact with incompatible materials.<br><b>When handling, DO NOT eat, drink or smoke.</b><br>Keep containers securely sealed when not in use.<br>Avoid physical damage to containers. |
| Other information |                                                                                                                                                                                                                                                                                                               |

### Conditions for safe storage, including any incompatibilities.

|                         |                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable container      | Polyethylene or polypropylene container.<br>Packing as recommended by manufacturer.<br>Check all containers are clearly labelled and free from leaks. |
| Storage incompatibility | Avoid reaction with oxidising agents                                                                                                                  |

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

#### OCCUPATIONAL EXPOSURE LIMITS (OEL)

#### INGREDIENT DATA

| Source                       | Ingredient         | Material name     | TWA                   | STEL                 | Peak          | Notes         |
|------------------------------|--------------------|-------------------|-----------------------|----------------------|---------------|---------------|
| Australia Exposure Standards | isopropanol        | Isopropyl alcohol | 683 mg/m3 / 400 ppm   | 1230 mg/m3 / 500 ppm | Not Available | Not Available |
| Australia Exposure Standards | ethanol, denatured | Ethyl alcohol     | 1880 mg/m3 / 1000 ppm | Not Available        | Not Available | Not Available |
| Australia Exposure Standards | propylene glycol   | Propane-1,2-diol  | 474 mg/m3/150ppm      | Not Available        | Not Available | Not Available |

#### EMERGENCY LIMITS

| Ingredient         | Material name     | TEEL-1        | TEEL-2        | TEEL-3        |
|--------------------|-------------------|---------------|---------------|---------------|
| isopropanol        | Isopropyl alcohol | 400 ppm       | 400 ppm       | 12,000 ppm    |
| ethanol, denatured | Ethyl alcohol     | Not available | Not available | Not available |

| Ingredient         | Original IDLH | Revised IDLH    |
|--------------------|---------------|-----------------|
| isopropanol        | 12,000 ppm    | 2,000 [LEL] ppm |
| ethanol, denatured | 15,000 ppm    | 3,300[LEL] ppm  |

### Exposure controls

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate engineering controls | Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate. If ventilation is poor, then the use of a local exhaust ventilation system is recommended                                                                                                                               |
| Personal protection              |                                                                                                                                                                                                                                                   |
| Eye and face protection          | Safety glasses with side shields OR Chemical goggles.<br>Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. Lens should be removed at the first signs of eye redness or irritation. Lens should be removed in a clean environment only after workers have washed hands thoroughly. |
| Skin protection                  | See Hand protection below                                                                                                                                                                                                                                                                                                           |
| Hands/feet protection            | It is good practice to wear protective gloves when handling chemicals. Neoprene gloves are recommended for this application.                                                                                                                                                                                                        |
| Body protection                  | See Other protection below                                                                                                                                                                                                                                                                                                          |
| Other protection                 | Eye wash unit.                                                                                                                                                                                                                                                                                                                      |
| Thermal hazards                  | Not Available                                                                                                                                                                                                                                                                                                                       |

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                                                 |                   |                                            |               |
|-------------------------------------------------|-------------------|--------------------------------------------|---------------|
| Appearance                                      | Clear liquid      |                                            |               |
| Physical state                                  | Liquid            | Relative density (Water = 1)               | Not Available |
| Odour                                           | Strongly fragrant | Partition coefficient<br>n-octanol / water | Not Available |
| Odour threshold                                 | Not Available     | Auto-ignition temperature<br>(°C)          | Not Available |
| pH (as supplied)                                | 7 - 8             | Decomposition<br>temperature               | Not Available |
| Melting point / freezing<br>point (°C)          | Not Available     | Viscosity (cSt)                            | Not Available |
| Initial boiling point and<br>boiling range (°C) | Not Available     | Molecular weight (g/mol)                   | Not Available |
| Flash point (°C)                                | >23°C             | Taste                                      | Not Available |
| Evaporation rate                                | Not Available     | Explosive properties                       | Not Available |
| Flammability                                    | Flammable         | Oxidising properties                       | Not Available |
| Upper Explosive Limit (%)                       | Not Applicable    | Surface Tension (dyn/cm or<br>mN/m)        | Not Available |
| Lower Explosive Limit(%)                        | Not Applicable    | Volatile Component (%vol)                  | Not Available |
| Vapour pressure (kPa)                           | Not Available     | Gas group                                  | Not Available |
| Solubility in water (g/L)                       | Complete          | pH as a solution (1%)                      | Not Available |
| Vapour density (Air = 1)                        | Not Available     | VOC g/L                                    | Not Available |

## SECTION 10 STABILITY AND REACTIVITY

|                                    |                                                                                                                                  |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                         | See section 7                                                                                                                    |
| Chemical stability                 | Unstable in the presence of incompatible materials.<br>Product is considered stable.<br>Hazardous polymerisation will not occur. |
| Possibility of hazardous reactions | See section 7                                                                                                                    |
| Conditions to avoid                | See section 7                                                                                                                    |
| Incompatible materials             | See section 7                                                                                                                    |
| Hazardous decomposition products   | See section 5                                                                                                                    |

## SECTION 11 TOXICOLOGICAL INFORMATION

### Information on toxicological effects

|              |                                                                                                                                                                                                |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhaled      | Inhalation of vapours may cause drowsiness and dizziness. This may be accompanied by sleepiness, reduced alertness, loss of reflexes, lack of co-ordination, and vertigo.                      |
| Ingestion    | The material has <b>NOT</b> been classified by EC Directives or other classification systems as 'harmful by ingestion'. This is because of the lack of corroborating animal or human evidence. |
| Skin Contact | Skin contact may cause allergic skin reaction.                                                                                                                                                 |
| Eye          | This material can cause eye irritation in some persons..Eye contact may cause tearing or blurring of vision.                                                                                   |
| Chronic      | No relative data is listed.                                                                                                                                                                    |

### Toxicological effects of ingredients

|                       |                                |                                                                                                            |
|-----------------------|--------------------------------|------------------------------------------------------------------------------------------------------------|
| isopropanol           | Acute toxicity                 | Oral LD50 (rat) 5045 – 5840 mg/kg Dermal LD50 (rabbit) 12800 mg/kg Inhalation LC50 (rat) 16000 ppm/8h      |
|                       | Skin corrosion/irritation      | May be irritating to skin                                                                                  |
|                       | Eye damage/irritation          | Causes serious eye irritation                                                                              |
|                       | Respiratory/skin sensitization | Not expected to be a sensitizer                                                                            |
|                       | Germ cell mutagenicity         | Not considered to be a mutagenic hazard                                                                    |
|                       | Carcinogenicity                | Not considered to be a carcinogenic hazard.                                                                |
|                       | Reproductive toxicity          | Not considered to be toxic to reproduction                                                                 |
|                       | STOT (single exposure)         | May cause drowsiness or dizziness                                                                          |
|                       | STOT (repeated exposure)       | Not expected to cause toxicity to a specific organ                                                         |
|                       | Aspiration toxicity            | Not expected to be an aspiration hazard                                                                    |
| ethanol               | Acute toxicity                 | Oral LD50 (mouse) 3450 mg/kg Inhalation LC50 (rat) 2000 ppm/10hrs                                          |
|                       | Skin corrosion/irritation      | Irritating to skin. Prolonged contact may result in drying and defatting of the skin, rash and dermatitis. |
|                       | Eye damage/irritation          | Irritating to eyes. Exposure may result in lacrimation, irritation, pain and redness                       |
|                       | Respiratory/skin sensitization | No Data Available                                                                                          |
|                       | Germ cell mutagenicity         | No Data Available                                                                                          |
|                       | Carcinogenicity                | No Data Available                                                                                          |
|                       | Reproductive toxicity          | No Data Available                                                                                          |
|                       | STOT (single exposure)         | No Data Available                                                                                          |
|                       | STOT (repeated exposure)       | Chronic ingestion may result in cirrhosis of the liver                                                     |
|                       | Aspiration toxicity            | No Data Available                                                                                          |
| proprietary fragrance | Acute toxicity                 | No available data.                                                                                         |
|                       | Skin corrosion/irritation      | Causes skin irritation                                                                                     |
|                       | Eye damage/irritation          | Causes serious eye irritation                                                                              |
|                       | Respiratory/skin sensitization | May cause an allergic skin reaction Not a respiratory sensitiser.                                          |
|                       | Germ cell mutagenicity         | No mutagenic component identified                                                                          |
|                       | Carcinogenicity                | Carcinogenic                                                                                               |
|                       | Reproductive toxicity          | This product is not expected to cause reproductive or developmental effects                                |
|                       | STOT (single exposure)         | None known.                                                                                                |
|                       | STOT (repeated exposure)       | Prolonged inhalation may be harmful.                                                                       |
|                       | Aspiration toxicity            | May be fatal if swallowed and enters airways                                                               |
| propylene glycol      | Acute toxicity                 | Oral LD50 (rat) >20000 mg/kg Dermal LD50 (rabbit) >2000 mg/kg Inhalation LC50 (rabbit) >20 mg/L/4hr        |
|                       | Skin corrosion/irritation      | May be irritating                                                                                          |
|                       | Eye damage/irritation          | May be an eye irritant                                                                                     |
|                       | Respiratory/skin sensitization | No data available                                                                                          |
|                       | Germ cell mutagenicity         | Not mutagenic                                                                                              |
|                       | Carcinogenicity                | Non-carcinogenic based on animal studies                                                                   |
|                       | Reproductive toxicity          | No reproductive or developmental effects.                                                                  |
|                       | STOT (single exposure)         | May cause respiratory irritation                                                                           |
|                       | STOT (repeated exposure)       | High doses in diet showed a decrease in red blood cells survival rate                                      |
|                       | Aspiration toxicity            | Not classified                                                                                             |

|                |                                |                                                            |
|----------------|--------------------------------|------------------------------------------------------------|
| eucalyptus oil | Acute toxicity                 | Oral LD50 (rat) 2480 mg/kg Dermal LD50 (rabbit) 2480 mg/kg |
|                | Skin corrosion/irritation      | Moderate irritant (rabbit).                                |
|                | Eye damage/irritation          | No information available                                   |
|                | Respiratory/skin sensitization | skin sensitiser.                                           |
|                | Germ cell mutagenicity         | No information available                                   |
|                | Carcinogenicity                | No information available                                   |
|                | Reproductive toxicity          | No information available                                   |
|                | STOT (single exposure)         | No information available                                   |
|                | STOT (repeated exposure)       | No information available                                   |
|                | Aspiration toxicity            | May be fatal if swallowed and enters airways.              |

## SECTION 12 ECOLOGICAL INFORMATION

### Toxicity

|                    | Endpoint  | Duration (Hr.) | Species                       | Value             |
|--------------------|-----------|----------------|-------------------------------|-------------------|
| isopropanol        | LC50      | 96             | Fish                          | 9-640mg/L         |
|                    | EC50      | 48             | Crustacea                     | 12500mg/L         |
|                    | EC50      | 72             | Algae or other aquatic plants | >1000mg/L         |
|                    | EC0       | 24             | Crustacea                     | 5-102mg/L         |
|                    | NOEC      | 504            | Crustacea                     | =30mg/L           |
| ethanol, denatured | LC50      | 96             | Fish                          | 42-mg/L           |
|                    | EC50      | 48             | Crustacea                     | 2-mg/L            |
|                    | EC50      | 96             | Algae or other aquatic plants | -8.358-26.503mg/L |
|                    | EC10      | 168            | Algae or other aquatic plants | 1.91-mg/L         |
|                    | NOEC      | 2016           | Fish                          | 0.000375-mg/L     |
| propylene glycol   | EC50      | 48h            | Crustacea                     | >0.342mg/L        |
|                    | LC50      | 96h            | Fish                          | >10000mg/l        |
|                    | EC50      | 96h            | Algae or other aquatic plants | 19000mg/l         |
|                    | NOEC(ECx) | 336h           | Algae or other aquatic plants | <5300mg/l         |

### Persistence and degradability

| Ingredient       | Persistence: Water/Soil     | Persistence: Air            |
|------------------|-----------------------------|-----------------------------|
| isopropanol      | LOW (Half-life = 14 days)   | LOW (Half-life = 3 days)    |
| ethanol          | LOW (Half-life = 2.17 days) | LOW (Half-life = 5.08 days) |
| propylene glycol | LOW                         | LOW                         |

### Bio accumulative potential

| Ingredient       | Bioaccumulation      |
|------------------|----------------------|
| isopropanol      | LOW (BCF = 130)      |
| ethanol          | LOW (LogKOW = -0.31) |
| propylene glycol | LOW (BCF = 1)        |

### Mobility in soil

| Ingredient       | Mobility          |
|------------------|-------------------|
| isopropanol      | HIGH (KOC = 1.06) |
| ethanol          | HIGH (KOC = 1)    |
| propylene glycol | HIGH (KOC = 1)    |

## SECTION 13 DISPOSAL CONSIDERATIONS

### Waste treatment methods

|                              |                                                                                                                                                |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Product / packaging disposal | Recycle containers whenever possible.<br>Product residues and containers should be disposed of in accordance with local government regulations |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 14 TRANSPORT INFORMATION

### Labels Required

|                  |    |
|------------------|----|
| Marine Pollutant | NO |
| HAZCHEM          | 3Y |

Land transport (Not Applicable): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS IN PACK SIZES OF 5L OR LESS

## SECTION 15 REGULATORY INFORMATION

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

#### ISOPROPANOL IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals  
Australian Inventory of Industrial Chemicals (AIIC)  
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

#### ETHANOL, DENATURED IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals  
Australian Inventory of Industrial Chemicals (AIIC)

#### PROPYLENE GLYCOL IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5  
Australian Inventory of Industrial Chemicals (AIIC)

#### PROPRIETARY FRAGRANCE - ALL THE COMPONENTS ARE LISTED OR EXEMPT IN THE FOLLOWING REGULATORY LIST

Australian Inventory of Industrial Chemicals (AIIC)  
Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals

#### EUCALYPTUS OIL IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 6  
Australian Inventory of Industrial Chemicals (AIIC)

## SECTION 16 OTHER INFORMATION

### Revision Schedule

|               |            |
|---------------|------------|
| Revision Date | 01/10/2025 |
| Initial Date  | 01/10/2019 |

### SDS Version Summary

| Version | Issue Date | Sections Updated                                             |
|---------|------------|--------------------------------------------------------------|
| 2.1     | 12/05/2021 | Sections 2, 3, 11, 12, 15, 16 have been updated or corrected |
| 2.2     | 30/06/2022 | Section 2                                                    |
| 2.3     | 21/03/2025 | Section 2                                                    |
| 2.4     | 01/10/2025 | Section 2, 4, 5, 11, 15.                                     |

### Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources such as the ECHA C&L Chemical Inventory, HSNO (CCID) New Zealand, AICIS and HCIS Australia

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### Definitions and abbreviations

|          |                                                         |
|----------|---------------------------------------------------------|
| PC-TWA;  | Permissible Concentration-Time Weighted Average         |
| PC-STEL; | Permissible Concentration-Short Term Exposure Limit     |
| IARC:    | International Agency for Research on Cancer             |
| ACGIH:   | American Conference of Government Industrial Hygienists |
| STEL:    | Short Term Exposure Limit                               |
| TEEL:    | Temporary Emergency Exposure Limit                      |
| IDLH:    | Immediate Danger to Life or Health Concentrations       |
| OSF:     | Odour Safety Factor                                     |
| NOAEL:   | No Observed Effects Level                               |
| TLV:     | Threshold Limit Value                                   |
| LOD:     | Limit Of Detection                                      |
| OTV:     | Odour Threshold Value                                   |
| BCF:     | Bio Concentration Factors                               |
| BEI:     | Biological Exposure Index                               |

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