

# SAFETY DATA SHEET



## ODOURTAK W Citrus/Floral

APPLIED PRODUCTS AUSTRALIA PTY LTD

Catalogue number: AP525 / AP526

Version No: EP1.1

Issue date: 01/10/2019

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                  | ODOURTAK W Citrus/Floral |
| Synonyms                      | AP525 / AP526            |
| Other means of identification | Not Available            |

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

|                          |   |
|--------------------------|---|
| Relevant identified uses | Odour neutralizing concentrate for thermal fogging applications |
|--------------------------|---|

#### Details of the manufacturer/importer

|                         |   |
|-------------------------|---|
| Registered company name | APPLIED PRODUCTS AUSTRALIA PTY LTD            |
| Address                 | 11 Gamma Close, Beresfield 2322 NSW Australia |
| Telephone               | (02) 4966 5516                                |
| Fax                     | (02) 4966 5510                                |
| 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. NON-DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

|                        |   |
|------------------------|---|
| Poisons Schedule       | Not Applicable  |
| GHS Classification [1] | Eye Irritation Category 2A, Skin Corrosion Cat 2  |
| Legend:                | 1. Classified by Chemwatch; 2. Classification drawn from HSIS; 3. Classification drawn from EC Directive 1272/2008 - Annex VI |

#### Label elements

|                    |  |
|--------------------|--|
| GHS label elements |  |
|--------------------|--|

|             |                |
|-------------|----------------|
| SIGNAL WORD | <b>WARNING</b> |
|-------------|----------------|

#### Hazard statement(s)

|      |  |
|------|--|
| H315 | Causes skin irritation   |
| H319 | Causes serious eye irritation  |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |

#### Precautionary statement(s) Prevention

|      |   |
|------|---|
| P280 | Wear protective gloves and eye protection               |
| P262 | Do not get in eyes, on skin or on clothing.             |
| P264 | Wash thoroughly after handling.                         |
| P261 | Avoid breathing vapour/spray                            |
| P284 | Wear respiratory protection if vaporized or aerosolised |
| P273 | Avoid release to the environment.                       |

**Precautionary statement(s) Response**

|                     |   |
|---------------------|---|
| P302+P352+P333+P313 | IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs, get medical advice / attention.  |
| P313+P310+P351+P338 | IF IN EYES: Get medical advice/attention. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. |
| P304+P340+P342+P311 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms call a Poison Centre or doctor.                   |
| P363                | Wash contaminated clothing before reuse.  |

**Precautionary statement(s) Storage****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     | 1-10%     | isopropanol                                |
| 112-27-6    | 1-10%     | Ethanol, 2,2'-(1,2-ethanediylbis(oxy))bis- |
| Proprietary | 1-10%     | Essential oils                             |

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

Balance of the ingredients to 100% are either non-hazardous or included at below cut-off limits

**SECTION 4 FIRST AID MEASURES****Description of first aid measures**

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | <p>If this product comes in contact with the eyes:<br/>         Seek medical attention without delay<br/>         Wash out immediately with fresh running water.<br/>         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.<br/>         If pain persists or recurs seek medical attention.<br/>         Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</p> |
| <b>Skin Contact</b> | <p>If skin contact occurs:<br/>         Immediately remove all contaminated clothing, including footwear.<br/>         Flush skin and hair with running water (and soap if available).<br/>         Seek medical attention in event of irritation.</p>   |
| <b>Inhalation</b>   | <p>If fumes, aerosols or combustion products are inhaled remove from contaminated area.<br/>         Other measures are usually unnecessary.</p>   |
| <b>Ingestion</b>    | <p>Immediately give a glass of water.<br/>         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**

|                            |   |
|----------------------------|---|
| <b>Extinguishing media</b> | <p>There is no restriction on the type of extinguisher which may be used.<br/>         Use extinguishing media suitable for surrounding area.</p> |
|----------------------------|---|

**Special hazards arising from the substrate or mixture**

|                               |  |
|-------------------------------|--|
| <b>Fire incompatibilities</b> | <p>Avoid contamination with oxidising agents</p> |
|-------------------------------|--|

**Advice for firefighters**

|                              |  |
|------------------------------|--|
| <b>Fire fighting</b>         | <p>Alert Fire Brigade and tell them location and nature of hazard.<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 courses.<br/>         Use firefighting procedures suitable for surrounding area.<br/>         DO NOT approach containers suspected to be hot.<br/>         Cool fire exposed containers with water spray from a protected location.<br/>         If safe to do so, remove containers from path of fire.<br/>         Equipment should be thoroughly decontaminated after use.</p> |
| <b>Fire/Explosion Hazard</b> | <p>May decompose and emit fumes of carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), and other pyrolysis products typical of burning organic material<br/>         May emit corrosive fumes.</p>  |

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

|                     |   |
|---------------------|---|
| <b>Minor Spills</b> | <p>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.</p>   |
| <b>Major Spills</b> | <p>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.</p> |
|                     | <p>Personal Protective Equipment advice is contained in Section 8 of the SDS.</p>   |

## SECTION 7 HANDLING AND STORAGE

### Precautions for safe handling

|                          |   |
|--------------------------|---|
| <b>Safe handling</b>     | <p>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.</p> |
| <b>Other information</b> |   |

### Conditions for safe storage, including any incompatibilities

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

## 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/m <sup>3</sup> / 400 ppm | 1230 mg/m <sup>3</sup> / 500 ppm | Not Available | Not Available |
| Australia Exposure Standards | Ethanol, 2,2'-(1,2-ethanediylbis(oxy))bis- |                   | 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, 2,2'-(1,2-ethanediylbis(oxy))bis- | Ethanol, 2,2'-(1,2-ethanediylbis(oxy))bis- | Not available | Not available | Not available |

| Ingredient                                 | Original IDLH | Revised IDLH    |
|--|---------------|-----------------|
| isopropanol                                | 12,000 ppm    | 2,000 [LEL] ppm |
| Ethanol, 2,2'-(1,2-ethanediylbis(oxy))bis- | not available | Not available   |

### Exposure controls

|   |   |
|---|---|
| <b>Appropriate engineering controls</b> | <p>Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate.<br/>If ventilation is poor, then the use of a local exhaust ventilation system is recommended</p>  |
| <b>Personal protection</b>              |    |
| <b>Eye and face protection</b>          | <p>Safety glasses with side shields OR<br/>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.</p> |
| <b>Skin protection</b>                  | <p>See Hand protection below</p>  |

|                              |  |
|------------------------------|--|
| <b>Hands/feet protection</b> | It is good practice to wear protective gloves when handling chemicals. Neoprene gloves are recommended for this application. |
| <b>Body protection</b>       | See Other protection below   |
| <b>Other protection</b>      | Eye wash unit.   |
| <b>Thermal hazards</b>       | Not Available  |

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

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

## SECTION 10 STABILITY AND REACTIVITY

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

## SECTION 11 TOXICOLOGICAL INFORMATION

### Information on toxicological effects

|                     |   |
|---------------------|---|
| <b>Inhaled</b>      | The material is not thought to produce adverse health effects of the respiratory tract (as classified by EC Directives using animal models). However it is, good hygiene practice for exposure be kept to a minimum and that suitable control measures be used in an occupational setting.            |
| <b>Ingestion</b>    | 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.  |
| <b>Skin Contact</b> | The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting. |
| <b>Eye</b>          | This material can cause eye irritation in some persons.<br>Eye contact may cause tearing or blurring of vision.   |
| <b>Chronic</b>      | No relative data is listed.   |

## SECTION 12 ECOLOGICAL INFORMATION

### Toxicity

The product is not considered to be ecotoxic

### Persistence and degradability

| Ingredient                                  | Persistence: Water/Soil   | Persistence: Air         |
|---|---------------------------|--------------------------|
| isopropanol                                 | LOW (Half-life = 14 days) | LOW (Half-life = 3 days) |
| Ethanol, 2,2'-[1,2-ethanediylbis(oxy)]bis-; | Not available             | Not available            |

### Bio accumulative potential

| Ingredient                                  | Bioaccumulation |
|---|-----------------|
| isopropanol                                 | LOW (BCF = 130) |
| Ethanol, 2,2'-[1,2-ethanediylbis(oxy)]bis-; | Not available   |

### Mobility in soil

| Ingredient                                  | Mobility          |
|---|-------------------|
| isopropanol                                 | HIGH (KOC = 1.06) |
| Ethanol, 2,2'-[1,2-ethanediylbis(oxy)]bis-; | Not available     |

## 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          | Not Applicable |

Land transport (Not Applicable): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

## SECTION 15 REGULATORY INFORMATION

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

#### ISOPROPANOL (67-63-0) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards  
Australia Hazardous Substances Information System - Consolidated Lists  
Australia Inventory of Chemical Substances (AICS)  
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

#### Ethanol, 2,2'-[1,2-ethanediylbis(oxy)]bis-; (112-27-6) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards  
Australia Hazardous Substances Information System - Consolidated Lists  
Australia Inventory of Chemical Substances (AICS)  
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

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## SECTION 16 OTHER INFORMATION

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### Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at: [www.chemwatch.net](http://www.chemwatch.net)

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

### 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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**End of SDS**