# SAFETY DATA SHEET



Revision date: 27-Sep-2022

**Revision Number** 2

# 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product identifier** 

Product Name ADOLF SCENTED 00119AE

**Product Code(s)** 000000025745

Other means of identification

UN number 3082

Pure substance/mixture Mixture

Recommended use of the chemical and restrictions on use

Recommended use Fragrances.

Uses advised against No information available.

**Supplier** 

Ixom Operations Pty Ltd (Bronson & Jacobs division) - incorporated in Australia ABN:51 600 546 512 70 Marple Avenue Villawood NSW 2163 Australia

Telephone Number: +61 2 8717 2929

Facsimile: +61 2 9755 9611

#### Emergency telephone number

Emergency telephone number 1 800 033 111 (ALL HOURS)

Please ensure you refer to the limitations of this Safety Data Sheet as set out in the "Other Information" section at the end of this Data Sheet.

# 2. HAZARDS IDENTIFICATION

### GHS Classification

Classified as dangerous goods in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG).

Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to the provisions of the Australian Code for the Transport of Dangerous Goods by Road and Rail when transported by road or rail in: packagings that do not incorporate a receptacle exceeding 500 kg(L); or IBCs.

Classified as a hazardous chemical in accordance with the criteria of Safe Work Australia - Globally Harmonized System (GHS).

| Flammable liquids                 | Category 4  |
|-----------------------------------|-------------|
| Skin corrosion/irritation         | Category 2  |
| Serious eye damage/eye irritation | Category 1  |
| Skin sensitization                | Category 1B |
| Reproductive toxicity             | Category 2  |
| Acute aquatic toxicity            | Category 2  |
| Chronic aquatic toxicity          | Category 2  |

### **SIGNAL WORD**

Danger

#### Label elements

Environment Corrosion Health hazard



# **Hazard statements**

H227 - Combustible liquid

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H361 - Suspected of damaging fertility or the unborn child

The following health/environmental hazard categories fall outside the scope of the Workplace Health and Safety Regulations:

H411 - Toxic to aquatic life with long lasting effects

### **Precautionary Statements - Prevention**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Avoid breathing dust / fume / gas / mist / vapours / spray

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Contaminated work clothing should not be allowed out of the workplace

Wash hands thoroughly after handling

Wear protective gloves / protective clothing / eye protection / face protection

Avoid release to the environment

## **Precautionary Statements - Response**

Specific treatment (see First aid on this SDS)

If exposed or concerned: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor/physician

IF ON SKIN: Wash with plenty of soap and water

If skin irritation or rash occurs: Get medical advice/attention

Take off contaminated clothing and wash it before reuse

In case of fire: Use extinguishing media as outlined in Section 5 of this Safety Data Sheet to extinguish.

Collect spillage

### **Precautionary Statements - Storage**

Store locked up

Store in a well-ventilated place

### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

### Other hazards which do not result in classification

Toxic to aquatic life with long lasting effects

Poisons Schedule (SUSMP)

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Mixture

| Chemical name  | CAS No.    | Weight-% |
|--|------------|----------|
| 2,6-Octadien-1-ol, 3,7-dimethyl-, (E)- (Geraniol)    | 106-24-1   | 1-<10    |
| Naphthalene,   | 54464-57-2 | 1-<10    |
| 2-acetyl-1,2,3,4,6,7,8-octahydro-2,3,8,8-tetramethyl |            |          |
| -  |            |          |
| 1,6-Octadien-3-ol, 3,7-dimethyl- (Linalool)          | 78-70-6    | 1-<10    |
| Formaldehyde cyclododecyl ethyl acetal               | 58567-11-6 | 1-<10    |
| Galaxolide   | 1222-05-5  | 1-<10    |
| Diethyl phthalate                                    | 84-66-2    | 1-<10    |
| 2-methyl-3-(4-tertbutylphenyl)-propanal (Lilial)     | 80-54-6    | 1-<10    |
| Benzyl salicylate                                    | 118-58-1   | 1-<10    |
| 1,3-Benzodioxole-5-propanal, .alphamethyl-           | 1205-17-0  | 1-<10    |
| (Helional)   |            |          |
| Oils, bergamot                                       | 8007-75-8  | 1-<10    |
| Benzenepropanal, .alphamethyl-4-(1-methylethyl)-     | 103-95-7   | 1-<10    |
| (Cyclamen aldehyde)                                  |            |          |
| Geranyl acetate                                      | 105-87-3   | 1-<10    |
| Mandarin oil   | 8008-31-9  | 1-<10    |
| Coumarin   | 91-64-5    | 1-<10    |
| Octanal, 7-hydroxy-3,7-dimethyl-                     | 107-75-5   | 1-<10    |
| 9-Acetyl-8-cedrene                                   | 32388-55-9 | 1-<10    |
| Ingredients determined not to be hazardous           | -<br>-     | to 100   |

# 4. FIRST AID MEASURES

### **Description of first aid measures**

General advice For advice, contact a Poisons Information Centre (e.g. phone Australia 13 11 26; New

Zealand 0800 764 766) or a doctor.

**Inhalation** Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing is

irregular or stopped, administer artificial respiration. Call a physician if symptoms occur.

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Do

not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.

Get medical attention immediately if symptoms occur.

Skin contact Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes. If skin irritation or rash occurs: Get medical advice/attention.

**Ingestion** Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth

to an unconscious person. Do NOT induce vomiting. Consult a physician if necessary.

# Most important symptoms and effects, both acute and delayed

Symptoms Irritation/Corrosion. May cause redness and tearing of the eyes. May cause allergic skin

reaction, Redness, Rashes, Hives,

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

Note to physicians May cause sensitization by skin contact. Can cause corneal burns. Treat symptomatically.

# 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** 

Suitable Extinguishing Media Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal

protein foam can be used.

**Unsuitable extinguishing media** No information available.

Specific hazards arising from the chemical

Specific hazards arising from the

chemical

Combustible liquid. On burning will emit toxic fumes, including those of oxides of carbon. In the event of fire, cool tanks with water spray. Environmentally hazardous. Fire residues and

contaminated fire extinguishing water must be disposed of in accordance with local

regulations.

Hazardous combustion products Oxides of carbon.

Special protective actions for fire-fighters

Special protective equipment for

fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout

gear. Use personal protection equipment.

Hazchem code •3Z

# 6. ACCIDENTAL RELEASE MEASURES

# Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes, and clothing. Avoid breathing vapors or mists. Ensure

adequate ventilation. Do not touch or walk through spilled material. Keep people away from

and upwind of spill/leak. Evacuate personnel to safe areas. Use personal protective

equipment as required.

Other information Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

For emergency responders Shut off ignition sources. Use personal protection recommended in Section 8.

**Environmental precautions** 

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Remove ignition sources. Provide adequate

ventilation. Do not touch or walk through spilled material. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or

other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up Slippery when spilt. Avoid accidents, clean up immediately. Dam up. Use non-sparking

tools. Soak up with inert absorbent material. Pick up and transfer to properly labelled

containers.

# 7. HANDLING AND STORAGE

### Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eyes, and clothing. Avoid breathing vapors or mists. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Ensure adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Take off contaminated clothing and wash before reuse. Wash thoroughly after handling. Use personal protection equipment. Handle in accordance with good industrial hygiene and safety practice. Use according to package label instructions. Keep out of reach of children. Not to be used by pregnant workers and workers who have recently given birth or who are breastfeeding.

General hygiene considerations

Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes, and clothing. Wear suitable gloves and eye/face protection.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** 

Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Store away from incompatible materials described in Section 10. Store away from foodstuffs and sources of heat or ignition. Keep container closed when not in use.

Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

This material is a Scheduled Poison and must be stored, maintained and used in accordance with the relevant regulations.

Incompatible materials

Oxidizing agents.

Poisons Schedule (SUSMP)

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Control parameters**

**Exposure Limits** 

No value assigned for this specific material by Safe Work Australia. However, Workplace Exposure Standard(s) for constituent(s):

Diethyl phthalate:  $8hr TWA = 5 mg/m^3$ 

As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

TWA - The time-weighted average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week.

These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

#### Appropriate engineering controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas. Eyewash stations. Apply

technical measures to comply with the occupational exposure limits.

If in the handling and application of this material, safe exposure levels could be exceeded, the use of engineering controls such as local exhaust ventilation must be considered and the results documented. If achieving safe exposure levels does not require engineering controls, then a detailed and documented risk assessment using the relevant Personal Protective Equipment (PPE) (refer to PPE section below) as a basis must be carried out to determine the minimum PPE requirements.

# Individual protection measures, such as personal protective equipment

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.









Eye/face protection Tight sealing safety goggles.

Skin and body protection Wear suitable protective clothing. Overalls. Boots.

**Hand protection** Impervious gloves.

Respiratory protection If determined by a risk assessment an inhalation risk exists, wear an organic vapour

respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

**Environmental exposure controls** No information available.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

**Physical state** Liquid **Appearance** Clear

Color Pale Yellow to Yellow

Citrus, Fresh, Floral, Spicy, Woody, Amber, Musk Odor

**Odor threshold** No information available.

Property Values Remarks • Method

No data available None known pH (as aqueous solution) No data available None known Melting point / freezing point No data available None known No data available **Boiling point / boiling range** None known 89 °C CC (closed cup) Flash point None known **Evaporation rate** No data available Flammability (solid, gas) No data available None known None known

Flammability Limit in Air

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

No data available None known Vapor pressure No data available None known Vapor density Relative density 0.965 - 0.985 @20°C None known Water solubility No data available None known Solubility(ies) No data available None known **Partition coefficient** No data available None known **Autoignition temperature** No data available None known **Decomposition temperature** No data available None known Kinematic viscosity No data available None known Dynamic viscosity No data available None known

Other information

# 10. STABILITY AND REACTIVITY

Reactivity

**Reactivity** No information available.

**Chemical stability** 

**Stability** Stable under normal conditions.

**Explosion data** 

Sensitivity to mechanical impact None.

Sensitivity to static discharge Yes.

Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

**Conditions to avoid** 

Conditions to avoid Heat, flames and sparks. Static discharge (electrostatic discharge). Direct sunlight. Do not

contaminate food or feed stuffs.

**Incompatible materials** 

Incompatible materials Oxidizing agents.

**Hazardous decomposition products** 

Hazardous decomposition products Oxides of carbon.

# 11. TOXICOLOGICAL INFORMATION

## **Acute toxicity**

Information on likely routes of exposure

**Product Information**No adverse health effects expected if the chemical is handled in accordance with this

Safety Data Sheet and the chemical label. Symptoms or effects that may arise if the

chemical is mishandled and overexposure occurs are:

**Inhalation** May cause irritation.

Eye contact Causes serious eye damage. May cause irreversible damage to eyes.

**Skin contact** Causes skin irritation. May cause sensitization by skin contact.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Symptoms Irritation/Corrosion. May cause redness and tearing of the eyes. May cause allergic skin

reaction. Redness. Rashes. Hives.

Numerical measures of toxicity - Product Information

ATEmix (oral) >5000 mg/kg (calculated, based on data from components)

# Numerical measures of toxicity - Component Information

| Chemical name   | Oral LD50             | Dermal LD50             | Inhalation LC50       |
|---|-----------------------|-------------------------|-----------------------|
| 2,6-Octadien-1-ol, 3,7-dimethyl-,<br>(E)- (Geraniol)                  | = 3600 mg/kg (Rat)    | > 5000 mg/kg ( Rabbit ) | -                     |
| 1,6-Octadien-3-ol, 3,7-dimethyl-<br>(Linalool)                        | = 2790 mg/kg (Rat)    | = 5610 mg/kg (Rat)      | -                     |
| Formaldehyde cyclododecyl ethyl acetal                                | > 5000 mg/kg (Rat)    | >5000 mg/kg (Rabbit)    | -                     |
| Galaxolide  | > 3250 mg/kg (Rat)    | > 3250 mg/kg ( Rabbit ) | -                     |
| Diethyl phthalate   | = 8600 mg/kg (Rat)    | > 11200 mg/kg (Rat)     | > 4.64 mg/L (Rat) 6 h |
| 2-methyl-3-(4-tertbutylphenyl)-<br>propanal (Lilial)                  | = 1390 mg/kg (Rat)    | > 5000 mg/kg ( Rabbit ) | > 1802 mg/m³(Rat)4 h  |
| Benzyl salicylate   | = 2227 mg/kg (Rat)    | > 5000 mg/kg ( Rabbit ) | -                     |
| Oils, bergamot  | = 11520 mg/kg ( Rat ) | -                       | -                     |
| Benzenepropanal, .alphamethyl-4-(1-methylethyl) - (Cyclamen aldehyde) | = 3810 mg/kg ( Rat )  | > 5000 mg/kg (Rat)      | -                     |
| Geranyl acetate   | = 6330 mg/kg (Rat)    | -                       | -                     |
| Mandarin oil  | > 5000 mg/kg (Rat)    | > 5000 mg/kg ( Rabbit ) | -                     |
| Coumarin  | = 293 mg/kg (Rat)     | > 2000 mg/kg (Rat)      | -                     |
| Octanal,<br>7-hydroxy-3,7-dimethyl-                                   | > 5000 mg/kg (Rat)    | -                       | -                     |

See section 16 for terms and abbreviations

# Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Causes skin irritation. Classification is based on mixture calculation methods based on

component data.

Serious eye damage/eye irritation Causes serious eye damage. Classification is based on mixture calculation methods based

on component data.

Respiratory or skin sensitization May cause sensitization by skin contact. Classification is based on mixture calculation

methods based on component data.

Germ cell mutagenicity No information available.

**Carcinogenicity** No information available.

Reproductive toxicity Suspected of damaging fertility or the unborn child. Classification is based on mixture

calculation methods based on component data.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

# 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

**Ecotoxicity** Toxic to aquatic life with long lasting effects. Keep out of waterways.

| Chemical name   | Algae/aquatic plants   | Fish  | Toxicity to microorganisms | Crustacea  |
|---|--|---|----------------------------|--|
| 2,6-Octadien-1-ol,<br>3,7-dimethyl-, (E)-<br>(Geraniol)                       | -  | LC50: =22mg/L (96h,<br>Danio rerio)   | -                          | -  |
| Naphthalene,<br>2-acetyl-1,2,3,4,6,7,8-oct<br>ahydro-2,3,8,8-tetrameth<br>yl- | subspicatus - 2.6 mg/L<br>NOEC (72 h) -<br>Scenedesmus<br>subspicatus - 2.6 mg/L<br>(1)  | LC50 (96 h) - Lepomis<br>macrochirus - 1.3 mg/L<br>NOEC (30 days) - Danio<br>rerio - 0.16 mg/L (1)  | -                          | EC50 (48 h) - Daphnia<br>magna - 1.38 mg/L<br>NOEC (21 days) -<br>Daphnia magna – 0.044<br>mg/L(1) |
| 1,6-Octadien-3-ol,<br>3,7-dimethyl- (Linalool)                                | EC50: =88.3mg/L (96h,<br>Desmodesmus<br>subspicatus)   | LC50: =27.8mg/L (96h,<br>Oncorhynchus mykiss)<br>LC50: 22 - 46mg/L (96h,<br>Leuciscus idus)   | -                          | EC50: =20mg/L (48h,<br>Daphnia magna)  |
| Diethyl phthalate   | EC50: =23mg/L (72h, Desmodesmus subspicatus) EC50: =21mg/L (96h, Desmodesmus subspicatus) EC50: 42 - 255mg/L (72h, Pseudokirchneriella subcapitata) EC50: 2.11 - 4.29mg/L (96h, Pseudokirchneriella subcapitata) | LC50: =17mg/L (96h,<br>Pimephales promelas)<br>LC50: =16.8mg/L (96h,<br>Pimephales promelas)<br>LC50: =22mg/L (96h,<br>Lepomis macrochirus)<br>LC50: =16.7mg/L (96h,<br>Lepomis macrochirus)<br>LC50: =12mg/L (96h,<br>Oncorhynchus mykiss) | -                          | EC50: 36 - 74mg/L (48h,<br>Daphnia magna) EC50:<br>=86mg/L (48h, Daphnia<br>magna)                 |
| 2-methyl-3-(4-tertbutylp henyl)-propanal (Lilial)                             | -  | LC50: 2.2 - 4.6mg/L (96h,<br>Brachydanio rerio)   | -                          | EC50: =10.7mg/L (48h,<br>Daphnia magna)  |
| Benzyl salicylate   | -  | LC50: =1.03mg/L (96h,<br>Danio rerio)   | -                          | -  |

Persistence and degradability

Persistence and degradability No information available.

Bioaccumulative potential

**Bioaccumulation** No information available.

**Component Information** 

| Chemical name                                    | Partition coefficient |
|--|-----------------------|
| 1,6-Octadien-3-ol, 3,7-dimethyl- (Linalool)      | 2.84 - 3.1            |
| Diethyl phthalate                                | 2.35                  |
| 2-methyl-3-(4-tertbutylphenyl)-propanal (Lilial) | 4.2                   |

## **Mobility**

Mobility in soil No information available.

Other adverse effects

**Endocrine Disruptor Information** 

| Chemical name     | EU - Endocrine Disrupters<br>Candidate List | EU - Endocrine Disruptors -<br>Evaluated Substances | Endocrine disrupting potential |
|-------------------|---|---|--------------------------------|
| Diethyl phthalate | Group III Chemical                          | -   | -                              |

# 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Waste from residues/unused

products

Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld

containers. Dispose of in accordance with federal, state and local regulations.

# 14. TRANSPORT INFORMATION

### ADG

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and

Rail: DANGEROUS GOODS.

UN number 3082

Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS

GALAXOLIDE)

Hazard class 9
Packing group III
Environmental hazard Yes

**Special Provisions** 274, 331, 335, 375, AU01

Hazchem code •3Z

## <u>IATA</u>

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; DANGEROUS GOODS.

UN number 3082

UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS

GALAXOLIDE)

Transport hazard class(es) 9
Packing group III

**IMDG** 

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

UN number 3082

UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS

GALAXOLIDE)

Transport hazard class(es)

Packing groupIIIIMDG EMS FireF-AIMDG EMS SpillS-FMarine pollutantYes

# 15. REGULATORY INFORMATION

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

# **National regulations**

#### Australia

Classified as dangerous goods in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG).

Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to the provisions of the Australian Code for the Transport of Dangerous Goods by Road and Rail when transported by road or rail in: packagings that do not incorporate a receptacle exceeding 500 kg(L); or IBCs.

Classified as a hazardous chemical in accordance with the criteria of Safe Work Australia - Globally Harmonized System (GHS).

See section 8 for national exposure control parameters

### Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Poisons Schedule (SUSMP) 6

**International Inventories** 

All the constituents of this material are listed on the Australian Inventory of Industrial

Chemicals.

Legend:

AIIC - Australian Inventory of Industrial Chemicals

**International Regulations** 

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

# 16. OTHER INFORMATION

Reason(s) For Issue: 5 Yearly Revised Primary SDS

Issuing Date: 27-Sep-2022

This Safety Data Sheet has been prepared by Ixom Operations Pty Ltd (Toxicology and SDS Services).

**Revision Note:** 

The symbol (\*) in the margin of this SDS indicates that this line has been revised.

# Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value \* Skin designation

C Carcinogen

#### Key literature references and sources for data used to compile the SDS

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan GHS Classification

Australian Industrial Chemicals Introduction Scheme (AICIS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

RTECS (Registry of Toxic Effects of Chemical Substances)

World Health Organization

#### **Disclaimer**

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Ixom Operations Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Bronson & Jacobs representative or Ixom Operations Pty Ltd at the contact details on page 1.

Ixom Operations Pty Ltd's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

Bronson and Jacobs incorporating the businesses of Woods and Woods and Keith Harris and Australian Botanical Products.

**End of Safety Data Sheet**