# **SAFETY DATA SHEET**



# **RUST REMOVER**

### **ACTICHEM PTYLTD**

Catalogue number: **AP492** Version No: **3.1** Issue date: **28/12/2020** 

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 | RUST REMOVER |
|--------------|--------------|
| Product code | AP492        |
| Pack sizes   | 500ml and 5L |

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

Relevant identified uses High performance rust spot remover

### 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    | n Poisons Information Centre |
|-------------------------------|------------------------------|
| Emergency telephor            | e 13 1126                    |
| Other emergency telephonumber | Not Available                |

### **SECTION 2 HAZARDS IDENTIFICATION**

### Classification of the substance or mixture

 ${\it HAZARDOUS\ CHEMICAL.\ NON-DANGEROUS\ GOODS.\ According\ to\ the\ Model\ WHS\ Regulations\ and\ the\ ADG\ Code.}$ 

| Poisons Schedule   | 5  |  |
|--------------------|--|--|
| GHS Classification | Serious Eye Damage Category 1, Skin Corrosion/Irritation Category 1B, Acute Toxicity (Inhalation) Category 4, Acute Toxicity (Oral) Category 4 |  |
|                    | Classification drawn from HCIS and ECHA C&L Inventory.   |  |

### Label elements

Hazard pictograms





## Hazard statement(s)

| H314   | Causes severe skin burns and eye damage |  |
|--------|---|--|
| H302   | Harmful if swallowed                    |  |
| H332   | Harmful if inhaled.                     |  |
| AUH071 | Corrosive to the respiratory tract      |  |

#### Precautionary statement(s) Prevention

| P273 | Avoid release to the environment.                   |
|------|---|
| P280 | Wear protective gloves and eye protection.          |
| P260 | Do not breathe fumes / vapours / spray              |
| P270 | Do not eat, drink or smoke when using this product. |
| P271 | Use only outdoors or in a well-ventilated area.     |
| P264 | Wash exposed skin thoroughly after handling         |

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### Precautionary statement(s) Response

| P301+P310+P330+P331      | IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting.   |  |
|--------------------------|--|--|
| P303+P310+P363+P361+P353 | IF ON SKIN (or hair): Immediately call a POISON CENTER or doctor. Take off immediately all contaminated clothing and wash before reuse. Rinse skin with water/shower.        |  |
| P305+P310+P351+P338      | IF IN EYES: Immediately call a POISON CENTER or doctor. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |  |
| P304+P310+P340           | IF INHALED: Immediately call a POISON CENTER or doctor. Remove person to fresh air and keep in a position comfortable for breathing.   |  |

### Precautionary statement(s) Storage

Store locked up P405

### Precautionary statement(s) Disposal

P501

Dispose of contents/container in accordance with local regulations.

### **SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

#### Substances

See section below for composition of Mixtures

#### **Mixtures**

| CAS No    | %[weight] | Name                            |
|-----------|-----------|---------------------------------|
| 7664-38-2 | <10       | phosphoric acid                 |
| 1341-49-7 | <1        | ammonium bifluoride             |
| 144-62-7  | <10       | <u>oxalic acid</u>              |
| 111-76-2  | <10       | ethylene glycol monobutyl ether |
| 2235-54-3 | <10       | ammonium lauryl sulfate         |
| 2809-21-4 | <10       | hydroxyethanediphosphonic acid  |

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  | If this product comes in contact with the eyes:   |
|--------------|---|
| Skin Contact | If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Continue rinsing for 20 minutes or until told to stop by a POISON CENTRE or doctor. Seek medical advice / attention.  |
| Inhalation   | If fumes or combustion products are inhaled remove from contaminated area.  Lay patient down. Keep warm and rested.  Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.  Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained.  Perform CPR if necessary.  Transport to hospital, or doctor, without delay.   |
| Ingestion    | For advice, contact a Poisons Information Centre or a doctor at once.  Urgent hospital treatment is likely to be needed.  If swallowed do NOT induce vomiting.  If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.  Observe the patient carefully.  Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.  Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.  Transport to hospital or doctor without delay. |

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

Treat symptomatically.

# **SECTION 5 FIREFIGHTING MEASURES**

## Extinguishing media

|                     | Foam.                           |
|---------------------|---------------------------------|
|                     | Dry chemical powder.            |
| Extinguishing media | BCF (where regulations permit). |
|                     | Carbon dioxide.                 |
|                     | Water spray or fog              |

# Special hazards arising from the substrate or mixture

Fire incompatibility

None known

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### Advice for firefighters

| Advice for intelligitions |   |
|---------------------------|---|
| Fire Fighting             | Alert Fire Brigade and tell them location and nature of hazard Wear breathing apparatus plus protective gloves in the event of a fire. Prevent, by any means available, spillage from entering drains or water courses. Use firefighting procedures suitable for surrounding area. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. Equipment should be thoroughly decontaminated after use. |
| Fire/Explosion Hazard     | Non-combustible.  Not considered to be a significant fire risk.  Acids may react with metals to produce hydrogen, a highly flammable and explosive gas.  Heating may cause expansion or decomposition leading to violent rupture of containers.  May emit corrosive, poisonous fumes. May emit acrid smoke.  Decomposition may produce toxic fumes of phosphorus oxides (POx).  |
| HAZCHEM                   | 2X  |

#### **SECTION 6 ACCIDENTAL RELEASE MEASURES**

### Personal precautions, protective equipment and emergency procedures

| Minor Spills | Clean up all spills immediately.<br>Avoid contact with skin and eyes.<br>Wipe up.<br>Place in a suitable, labelled container for waste disposal.  |
|--------------|---|
| Major Spills | Wear protective clothing, gloves and eye protection Prevent, by any means available, spillage from entering drains or water course. Stop leak if safe to do so. Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labelled drums and dispose of according to local government regulations. 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**

Safe handling

## Precautions for safe handling

DO NOT allow clothing wet with material to stay in contact with skin. Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers. WARNING: To avoid violent reaction, ALWAYS add material to water and NEVER water to material.

Other information

### Conditions for safe storage, including any incompatibilities

| Suitable container   | DO NOT use glass, aluminium or galvanised containers Polyethylene or polypropylene container. Packing as recommended by manufacturer. Check all containers are clearly labelled and free from leaks. |
|--|--|
| Storage incompatibility  Avoid storing with strong bases, strong oxidisers, chlorites and hypochlorites. |  |

### PACKAGE MATERIAL INCOMPATIBILITIES

### **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 | phosphoric acid                 | phosphoric acid  | 1 mg/m3             | 3 mg/m3            | Not Available | Not Available |
| Australia Exposure Standards | ammonium bifluoride             | Fluorides (as F) | 2.5 mg/m3           | Not Available      | Not Available | Not Available |
| Australia Exposure Standards | ethylene glycol monobutyl ether | 2-Butoxyethanol  | 20 ppm / 96.9 mg/m3 | 242 mg/m3 / 50 ppm | Not Available | Not Available |
| Australia Exposure Standards | oxalic acid                     | Oxalic acid      | 1 mg/m3             | 2 mg/m3            | Not Available | Not Available |

## **EMERGENCY LIMITS**

| Ingredient                      | Material name                                     | TEEL-1        | TEEL-2        | TEEL-3        |
|---------------------------------|---|---------------|---------------|---------------|
| phosphoric acid                 | phosphoric acid                                   | Not Available | Not Available | Not Available |
| ammonium bifluoride             | Ammonium hydrogen fluoride; (Ammonium bifluoride) | 11 mg/m3      | 130 mg/m3     | 750 mg/m3     |
| ethylene glycol monobutyl ether | 2-Butoxyethanol                                   | 60 ppm        | 120 ppm       | 700 ppm       |
| oxalic acid                     | Oxalic acid, anhydrous; (Ethanedioic acid)        | 2 mg/m3       | 20 mg/m3      | 500 mg/m3     |

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| Ingredient                      | Original IDLH | Revised IDLH  |
|---------------------------------|---------------|---------------|
| phosphoric acid                 | 10,000 mg/m3  | 1,000 mg/m3   |
| ammonium bifluoride             | Not Available | Not Available |
| ethylene glycol monobutyl ether | 700 ppm       | Not Available |
| oxalic acid                     | 500 mg/m3     | Not Available |
| ammonium lauryl sulfate         | Not Available | Not Available |

### **Exposure controls**

| Appropriate engineering | Maintain adequate ventilation at all times.  |
|-------------------------|--|
| controls                | If ventilation is poor the use of a local exhaust ventilation system is recommended.   |
| Personal protection     |  |
| Eye and face protection | Safety glasses with side shields. OR Chemical goggles. 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   | Wear chemical protective gloves, Neoprene or butyl are recommended for this application  |
| Body protection         | See Other protection below   |
| Other protection        | Barrier cream.<br>Skin cleansing cream.<br>Eye wash unit.  |
| Thermal hazards         | Not Available  |

# **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

### Information on basic physical and chemical properties

| Appearance                                   | Opaque gel     |   |               |
|--|----------------|---|---------------|
| Physical state                               | Gel            | Relative density (Water = 1)                | 1.05          |
| Odour  | Benzaldehyde   | Viscosity (cSt)                             | Not Available |
| Odour threshold                              | Not Available  | Auto-ignition temperature (°C)              | Not Available |
| pH (as supplied)                             | 2-3            | <b>Decomposition temperature</b>            | Not Available |
| Melting point / freezing point (°C)          | Not Available  | Partition coefficient n-<br>octanol / water | Not Available |
| Initial boiling point and boiling range (°C) | Not Available  | Surface Tension (dyn/cm or mN/m)            | Not Available |
| Flash point (°C)                             | Not Applicable | Taste                                       | Not Available |
| Evaporation rate                             | Not Available  | Explosive properties                        | Not Available |
| Flammability                                 | Non-flammable  | Oxidising properties                        | Not Available |
| Upper Explosive Limit (%)                    | Not Applicable | Molecular weight (g/mol)                    | 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)                    | Miscible       | 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. Product is considered stable. 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  |

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# **SECTION 11 TOXICOLOGICAL INFORMATION**

| Information on toxicologic | al effects   |
|----------------------------|--|
| Inhaled                    | Corrosive acids can cause irritation of the respiratory tract, with coughing, choking and mucous membrane damage. There may be dizziness, headache, nausea and weakness.   |
| Ingestion                  | Ingestion of acidic corrosives may produce burns around and, in the mouth, the throat and oesophagus. Immediate pain and difficulties in swallowing and speaking may also be evident.  Ingestion of large quantity of phosphoric acid may cause severe abdominal pains, thirst, academia, difficult breathing, convulsions, collapse, shock and death. Although less hazardous than nitric and sulfuric acid, phosphoric acid has equal corrosive action upon ingestion. |
| Skin Contact               | Skin contact with the material may be harmful; systemic effects may result following absorption  The material may cause irritation to the skin. Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.  |
| Eye                        | Vapours from the product may produce transient discomfort to the eye characterised by tearing or conjunctival redness (as with windburn). Splashes may cause severe eye irritation, possible corneal burns and eye damage. Eye contact may cause tearing or  |
| Chronic                    | Repeated exposure or prolonged contact may produce dermatitis, and conjunctivitis.   |

### Toxicological effects of ingredients

| xicological effects of ingre | 1                                 |  |
|------------------------------|-----------------------------------|--|
| oxalic acid                  | Acute toxicity                    | Oral LD50 (rat) 475 mg/kg Dermal LD50 (rabbit) 2000 mg/kg  |
|                              | Skin corrosion/irritation         | Contact with skin may result in irritation. Solutions of 5% to 10% oxalic acid are irritating to the skin after prolonged exposure and can cause corrosive injury. |
|                              | Eye damage/irritation             | A severe eye irritant. Contamination of eyes can result in permanent injury.   |
|                              | Respiratory/skin<br>sensitization | Not sensitising  |
|                              | Germ cell mutagenicity            | Non-mutagenic  |
|                              | Carcinogenicity                   | No available data  |
|                              | Reproductive toxicity             | Not toxic to reproduction  |
|                              | STOT (single exposure)            | Exposure to this compound can result in systemic effects including kidney damage, muscle twitching, cramps and nervou system complaints.                           |
|                              | STOT (repeated exposure)          | Long term exposure can result in kidney stones and stone formation in the urinary tract.   |
|                              | Aspiration toxicity               | No available data  |
| phosphoric acid              | Acute toxicity                    | Oral LD50 (rat): 1250 mg/kg  |
|                              | Skin corrosion/irritation         | Corrosive to skin - may cause skin burns   |
|                              | Eye damage/irritation             | A severe eye irritant. Corrosive to eyes; contact can cause corneal burns. Contamination of eyes can result in permanent injury.                                   |
|                              | Respiratory/skin<br>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)          | Prolonged exposures can cause necrosis of nasal passages and oedema of lungs   |
|                              | Aspiration toxicity               | No data available  |
| ethylene glycol monobutyl    | Acute toxicity                    | Oral LD50 (guinea pig) 1414 mg/kg Dermal LD50 (guinea pig) >2000 mg/kg Inhalation LC0 >3.1 mg/l>641 ppm 1h   |
| ether                        | Skin corrosion/irritation         | Causes skin irritation.  |
|                              | Eye damage/irritation             | Causes serious eye irritation.   |
|                              | Respiratory/skin<br>sensitization | Not classified No study available.   |
|                              | Germ cell mutagenicity            | Not classified   |
|                              | Carcinogenicity                   | Not classified   |
|                              | Reproductive toxicity             | Not classified   |
|                              | STOT (single exposure)            | High concentrations may cause central nervous system depression  |
|                              | STOT (repeated exposure)          | Based on repeated exposure toxicity values, not classified   |
|                              | Aspiration toxicity               | Based on physico-chemical values or lack of human evidence,not classified  |
| ammonium lauryl sulfate      | Acute toxicity                    | no data available  |
|                              | Skin corrosion/irritation         | May cause skin irritation  |
|                              | Eye damage/irritation             | May cause eye irritation   |
|                              | Respiratory/skin<br>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)          | no data available  |
|                              | Aspiration toxicity               | no data available  |

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| ammonium bifluoride | Acute toxicity                    | Oral LD50 (rat) 60 – 130 mg/kg   |
|---------------------|-----------------------------------|--|
|                     | Skin corrosion/irritation         | Causes skin burns. Contact with liquid is corrosive and causes severe burns and ulceration |
|                     | Eye damage/irritation             | Causes eye burns   |
|                     | Respiratory/skin<br>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 inhalation and may cause chronic fluoride poisoning (fluorosis)                    |
|                     | Aspiration toxicity               | no data available  |

### **SECTION 12 ECOLOGICAL INFORMATION**

#### Toxicity

| Alcity                    | Endnoint      | Duration (Hr.) | Species                       | Value                 |
|---------------------------|---------------|----------------|-------------------------------|-----------------------|
|                           | Endpoint      | Duration (Hr.) | Species                       | value                 |
| ammonium bifluoride       | LC50          | 96             | Fish                          | 0.068mg/L             |
|                           | EC50          | 48             | Crustacea                     | 97mg/L                |
|                           | EC50          | 96             | Algae or other aquatic plants | 43mg/L                |
|                           | NOEC          | 96             | Crustacea                     | 0.79mg/L              |
| phosphoric acid           | LC50          | 96             | Fish                          | -43-72mg/L            |
|                           | EC50          | 48             | Crustacea                     | >5.62mg/L             |
|                           | EC50          | 72             | Algae or other aquatic plants | 77.9mg/L              |
|                           | NOEC          | 48             | Crustacea                     | 5.62mg/L              |
| ethylene glycol monobutyl | LC50          | 96             | Fish                          | 1250-mg/L             |
| ether                     | EC50          | 48             | Crustacea                     | 164mg/L               |
|                           | EC50          | 72             | Algae or other aquatic plants | 623mg/L               |
|                           | NOEL          | 336            | Not Available                 | 49.50000-mg/L         |
| ammonium lauryl sulfate   | Not Available | Not Available  | Not Available                 | Not Available         |
| oxalic acid               | EC50          | 48             | Crustacea                     | -125-150mg/L          |
|                           | EC50          | 72             | Algae or other aquatic plants | >18.39-<19.92mg/L     |
|                           | NOEC          | 0.33           | Algae or other aquatic plants | -0.002-0.003e mol/dm3 |

On the basis of available evidence concerning either toxicity, persistence, potential to accumulate and or observed environmental fate and behaviour, the material may present a danger, immediate or long-term and /or delayed, to the structure and/ or functioning of natural ecosystems. Prevent, by any means available, spillage from entering drains or water courses.

## DO NOT discharge into sewer or waterways.

### Persistence and degradability

| Ingredient                      | Persistence: Water/Soil   | Persistence: Air            |
|---------------------------------|---------------------------|-----------------------------|
| phosphoric acid                 | HIGH                      | HIGH                        |
| ethylene glycol monobutyl ether | LOW (Half-life = 56 days) | LOW (Half-life = 1.37 days) |
| oxalic acid                     | LOW                       | LOW                         |

#### Bio accumulative potential

| •                               |                        |
|---------------------------------|------------------------|
| Ingredient                      | Bioaccumulation        |
| phosphoric acid                 | LOW (LogKOW = 0.7699)  |
| ethylene glycol monobutyl ether | LOW (BCF = 2.51)       |
| oxalic acid                     | LOW (LogKOW = -1.7365) |

### Mobility in soil

| Ingredient                      | Mobility           |
|---------------------------------|--------------------|
| phosphoric acid                 | HIGH (KOC = 1)     |
| ethylene glycol monobutyl ether | HIGH (KOC = 1)     |
| oxalic acid                     | HIGH (KOC = 1.895) |

## **SECTION 13 DISPOSAL CONSIDERATIONS**

#### Waste treatment methods

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

# **SECTION 14 TRANSPORT INFORMATION**

### Labels Required

| ·                |    |
|------------------|----|
| Marine Pollutant | NO |
| HAZCHEM          | 2X |

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#### **SECTION 15 REGULATORY INFORMATION**

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

#### PHOSPHORIC ACID (7664-38-2) IS FOUND ON THE FOLLOWING REGULATORY LISTS

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

#### AMMONIUM BIFLUORIDE (1341-49-7) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5 Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 6 Australian Inventory of Industrial Chemicals (AIIC)
International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

# OXALIC ACID (144-62-7) IS FOUND ON THE FOLLOWING REGULATORY LISTS

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

#### ETHYLENE GLYCOL MONOBUTYL ETHER IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 6 Australian Inventory of Industrial Chemicals (AIIC) International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

#### AMMONIUM LAURYL SULFATE IS FOUND ON THE FOLLOWING REGULATORY LISTS

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

#### **SECTION 16 OTHER INFORMATION**

#### **Revision Schedule**

| Revision Date | 28/12/2020 |
|---------------|------------|
| Initial Date  | 18/11/2016 |

#### **SDS Version Summary**

| Version | Issue Date | Sections Updated  |
|---------|------------|---|
| 3.1     | 28/12/2020 | Sections 2, 3, 4, 5, 7, 11, 12, 15, 16 have been updated or corrected |

#### 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 International Agency for Research on Cancer IARC: ACGIH: American Conference of Government Industrial Hygienists

STFI: Short Term Exposure Limit

Temporary Emergency Exposure Limit TEEL:

IDLH: Immediate Danger to Life or Health Concentrations

OSF: Odour Safety Factor No Observed Effects Level NOAEL: TLV: Threshold Limit Value LOD: Limit Of Detection OTV: Odour Threshold Value BCF: Bio Concentration Factors Biological Exposure Index

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