## SECTION 1. IDENTIFICATION

| | |
|---|---|
| Product Name | **RAIN-X ONLINE PROTECTANT PLUS 2 x 2.5 GAL (18.9L)** |
| Material number | V35336 |

**Recommended use of the chemical and restrictions on use**

| | |
|---|---|
| Recommended use | Transportation wash |
| Australian Distributor | Velocity Vehicle Care Pty Ltd<br>5 Horsburgh Drive, Altona North, Vic, 3025<br>Ph: 1300 990 074<br>Email: orders@velocityvehiclecare.com |
| Emergency Number | **Australia: 1800 127 406** |
| NZ Distributor | Velocity Vehicle Care NZ Ltd Level 4<br>3 London St, Hamilton, 3204<br>Phone: 0800 483 562 (0800 4 VELOC)<br>Email: orders@velocityvehiclecare.com |
| Emergency Number | **New Zealand: 0800 243 622** |
| Overseas Supplier | NCS |

## SECTION 2. HAZARDS IDENTIFICATION

### Dangerous Goods Classification

Classified as non-Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code 7th ed.) for transport by Road and Rail.
Classified as non-Dangerous Goods under NZS 5433:2020 Transport of Dangerous Goods on Land.

### GHS Classification

**Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) 7th ed.**

| | |
|---|---|
| Serious eye damage | Category 1 |
| Skin sensitisation | Category 1 |
| Skin irritation | Category 2 |

**GHS label elements**

**Hazard pictograms**

**Signal Word** **DANGER**

Hazard statements

H318 Causes serious eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

Precautionary statements

**Prevention**

P261 Avoid breathing mists and sprays.

P264 Wash skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves, eye protection and face protection.

**Response**

P305 + P351 + P338 + P310 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 CENTRE or a doctor.

P302 + P352 IF ON SKIN: Wash with plenty of water.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

**P362 + P364 Take off contaminated clothing and wash it before reuse.**

**Storage**

P401 Store in accordance with local regulations.

**Disposal**

P501 Dispose of contents & container in accordance with local, regional and national Regulations.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture Mixture

**Hazardous components**

| Chemical name | CAS-No. | Concentration [%] |
|---|---|---|
| 2-butoxyethanol | 111-76-2 | >= 5 - < 10 |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | 61789-40-0 | >= 5 - < 10 |
| Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides | 61789-77-3 | >= 1 - < 5 |
| Propane-1,2-diol, propoxylated | 25322-69-4 | >= 1 - < 5 |
| propane-1,2-diol | 57-55-6 | >= 1 - < 5 |
| trisodium 5-hydroxy-1-(4-sulphophenyl)-4-(4-sulfophenylazo)pyrazole-3-carboxylate | 1934-21-0 | >= 0.1 - < 1 |

The exact percentages of disclosed substances are withheld as trade secrets.

## SECTION 4. FIRST AID MEASURES

**General advice**
Move non-essential personnel away from treatment area, spill, or dangerous area. Do not leave victim unattended.
Have this safety data sheet available for emergency/medical responders.

**If inhaled**
Remove to fresh air.
If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician.

**In case of skin contact**
If on skin, rinse well with water.
If on clothes, remove clothes. Wash clothing before reuse. Get medical attention if symptoms develop.

**In case of eye contact**
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing eyes during transport to hospital. Protect unharmed eye. Keep eye wide open while rinsing. Small amounts splashed into eyes can cause irreversible tissue damage and blindness

**If swallowed**
Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms develop.
Contact the Poison's Information Centre (Australia 131 126; New Zealand 0800 764 766).

**Protection of first aiders**
If potential for exposure exists refer to Section 8 for specific personal protective equipment.

**Notes to physician**
Treat Symptomatically.

**Most important symptoms and effects, both acute and delayed**
Effects can be immediate and delayed.
Symptoms may include corneal burns, eye watering, eye pain, eye irritation, skin irritation

## SECTION 5. FIREFIGHTING MEASURES

| | |
|---|---|
| **Suitable extinguishing media** | Water mist<br>Dry powder<br>Alcohol-resistant foam<br>Carbon dioxide (CO2) |
| **Unsuitable extinguishing media** | Do not use water jet as an extinguisher, as this will spread the fire. |
| **Specific hazards during firefighting** | Not flammable or combustible. May produce toxic fumes, for example, carbon monoxide if burning. |
| **Hazardous combustion products** | Decomposition products may include the following materials:<br>Carbon oxides<br>Nitrogen oxides<br>Smoke |
| **Special protective equipment for firefighters** | Firefighters are to wear self-contained breathing apparatus if in risk of exposure to fumes or products of combustion. |
| **Specific extinguishing methods** | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |

## SECTION 6. ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| **Personal precautions, protective equipment and emergency procedures** | Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in Sections 7 and 8. |
| **Environmental precautions** | Do not allow contact with soil. Prevent runoff to waterways, drains, stormwater or sewer. |
| **Methods and materials for containment and cleaning up** | Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material e.g., sand, earth, diatomaceous earth, vermiculite, and place in container for disposal according to local / national regulations (see Section 13) . Neutralise area with chalk or dilute alkali solution. Flush away traces with water. For large spills (>5L), dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. |

## SECTION 7. HANDLING AND STORAGE

**Advice on safe handling**

Avoid formation of aerosols. Do not breathe mists, vapours or spray. Use only with adequate ventilation.
Smoking, eating and drinking should be prohibited in the application area.
Wash hands thoroughly after handling. Do not get in eyes, on skin, or on clothing.

**Conditions for safe storage**

Do not store near strong bases or reducing agents. Store in suitable labelled containers. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re-sealed and kept upright to prevent leakage.
Electrical installations / working materials must comply with the technological safety standards.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|---|---|---|---|---|
| 2-butoxyethanol | 111-76-2 | TWA | 20 ppm (96.9 mg/m$^3$) | SWA |
| | | STEL | 50 ppm (242 mg/m$^3$) | SWA |
| | | TWA | 25 ppm (120 mg/m$^3$) | NZ WES |
| Propane-1,2-diol total: (vapour & particulates) | 57-55-6 | TWA | 150 ppm (474 mg/m$^3$) | SWA |
| | | TWA | 150 ppm (474 mg/m$^3$) | NZ WES |

| **Biological occupational exposure limits** | | | | | | |
|---|---|---|---|---|---|---|
| Component | CAS-No. | Control parameters | Biological specimen | Sampling time | Permissible concentration | Basis |
| 2-butoxyethanol | 111-76-2 | Butoxyacetic acid (BAA) | Urine | End of shift (As soon as possible after exposure ceases) | 200mg/g Creatinine | ACGIH BEI |

**Engineering measures**

Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

**Personal protective equipment**

**Respiratory protection**

Avoid breathing mists or sprays. No personal respiratory protective equipment normally required when used as directed. However, if working in a poorly ventilated area and exposure limits may be exceeded, wear a respirator with ABEK-P2 cartridge.

**Hand protection**

Wear rubber gloves of other resistant gloves if contact with skin is expected.

**Eye protection**

Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

**Skin protection**

Wear protective clothing and footwear.

| | |
|---|---|
| **Hygiene measures** | Handle in accordance with good industrial hygiene and safety practices. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable wash facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard. |

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | **Product** |
|---|---|
| Appearance | liquid |
| Colour | orange |
| Odour | Berry fragrance |
| Odour threshold | No data available |
| pH | 3.9, 100 % |
| Melting point/freezing point | -6.6 °C |
| Boiling point | > 100 °C |
| Flash point | > 93.4 °C<br>Method: closed cup |
| Evaporation rate | no data |
| Upper explosion limit | no data |
| Lower explosion limit | no data |
| Vapour pressure | no data |
| Relative vapour density | no data |
| Density | 1.009 g/cm3 |
| Water solubility | Completely soluble |
| Solubility in other solvents | no data |
| Partition coefficient: n-octanol/water | no data |
| Auto-ignition temperature | no data |
| Thermal decomposition | no data |
| Viscosity, kinematic | 6 mm2/s (40 °C)<br>8 mm2/s (20 °C) |

## SECTION 10. STABILITY AND REACTIVITY

| | |
|---|---|
| Chemical stability | Stable under normal conditions. |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | Extremes of temperature and direct sunlight. |
| Incompatible materials | Strong reducing agents Strong bases |
| Hazardous decomposition products | Decomposition products may include the following materials:<br>Carbon dioxide (CO2)<br>Carbon monoxide<br>Nitrogen oxides (NOx)<br>Silicon oxides<br>Chlorine |

## SECTION 11. TOXICOLOGICAL INFORMATION

### Potential Health Effects

| | |
|---|---|
| **Information on possible routes of exposure** | Possible workplace exposure routes are:<br>Inhalation<br>Eye contact<br>Skin contact |
| **Acute symptoms related to exposure** | |
| Eye | Corrosive to eye. Symptoms may include blistering, irritation, burns, and pain. |
| Skin | Skin irritant. May cause redness, itchiness, scaly and dry skin, burning or stinging. |
| Inhalation | May cause irritation to lungs. |
| Ingestion | Not known to be toxic when swallowed. However, if ingested, symptoms may include nausea, vomiting, pain, diarrhea. |
| Acute oral toxicity | Estimate : > 5,000 mg/kg<br>Method: Calculation method |
| Acute inhalation toxicity | Estimate : 110.13 mg/l<br>Exposure time: 4 h<br>Test atmosphere: vapour<br>Method: Calculation method |
| Acute dermal toxicity | Estimate : > 5,000 mg/kg<br>Method: Calculation method |
| Skin corrosion/irritation | Irritating to skin. |
| Serious eye damage/eye irritation | May cause irreversible eye damage |
| Respiratory or skin sensitisation | May cause skin sensitisation. |
| 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 |
| **Components (Ingredients)** | |
| Acute oral toxicity | 2-butoxyethanol<br>LD50 Oral Rat: 880 mg/kg |
| Acute inhalation toxicity | |
| Acute dermal toxicity | 2-butoxyethanol<br>LD50 Dermal Rabbit: 1,060 mg/kg |
| Skin corrosion/irritation | No data |

| | |
|---|---|
| Serious eye damage/eye irritation | No data |
| Respiratory or skin sensitisation | No data |
| Germ cell mutagenicity | 2-butoxyethanol<br>No clear evidence of mutagenicity. |
| Carcinogenicity | 2-butoxyethanol<br>There is no clear evidence of a carcinogenic effect. |
| Reproductive toxicity | 2-butoxyethanol<br>No evidence for direct developmental toxicity |
| STOT - repeated exposure | 2-butoxyethanol<br>Extensive studies show no evident effect of repeated exposure. |

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

| | |
|---|---|
| **Toxicity to fish** | no data available |
| **Toxicity to daphnia and other aquatic invertebrates** | no data available |
| **Toxicity to algae** | no data available |

**Components (Ingredients)**

| | |
|---|---|
| **Toxicity to fish** | 2-butoxyethanol<br>96 h LC50: 1,474 mg/l |
| **Toxicity to daphnia** | 2-butoxyethanol<br>48 h EC50: 690 mg/l |
| **Toxicity to algae** | 2-butoxyethanol<br>72 h EC50: 911 mg/l |
| **Persistence and degradability** | No data on product.<br>Listed components are readily biodegradable. |
| **Bioaccumulative potential** | No data available |
| **Partition coefficient: n-octanol/water** | No data available |
| **Mobility in soil** | No data available |

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal methods**

| | |
|---|---|
| Waste product and residues | Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility. Where local laws allow, e.g. trade waste agreement, diluted pH-adjusted residues may be sent to sewer. |
| Contaminated packaging | Empty remaining contents. Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. |

## SECTION 14. TRANSPORT INFORMATION

### Road and Rail Transport
Classified as **Non-Dangerous Goods** by the criteria of the Australian Dangerous Goods Code (ADG Code 7th ed.) for Transport by Road and Rail; Classified as **Non-Dangerous** according to NZS 5433:2020Transport of Dangerous Goods on Land.

### Marine Transport
Classified as **Non-Dangerous Goods** by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

### Air Transport
Classified as Non-Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

## SECTION 15. REGULATORY INFORMATION

| | |
|---|---|
| AICS | All substances listed |
| Poisons Schedule | Not scheduled |
| NZ Approval Code | Cleaning Products (Subsidiary Hazard) Group Standard 2020<br>The HSNO Approval Number for this Group Standard is HSR002530. |
| United States TSCA Inventory | On TSCA Inventory |
| Canadian Domestic Substances List (DSL) | This product contains one or more components that are listed on the Canadian NDSL. All other components are on the Canadian DSL. |

## SECTION 16. OTHER INFORMATION

| | |
|---|---|
| **AICS** | **Australian Inventory of Chemical Substances** |
| **SWA** | **Safe Work Australia** |
| **NZ** | **New Zealand** |
| **IARC** | **International Agency for Research on Cancer** |
| **WES** | **Workplace Exposure Standards** |
| **GHS** | **Globally Harmonised System of Classification and Labelling of Chemicals** |
| **HSNO** | **Hazardous Substances and New Organisms** |
| **EMS** | **Emergency Spill Procedures** |
| **STOT** | **Specific Target Organ Toxicity** |
| **TWA** | **Time Weighted Average** |
| **STEL** | **Short-Term Exposure Limit** |
| **CAS** | **Chemical Abstracts Service** |
| **DNEL** | **Derived No Effect Level** |
| **TSCA** | **Toxic Substances Control Act** |
| **DSL** | **Domestic Substances List** |
| **NDSL** | **Non-Domestic Substances List** |
| **AU OEL** | **Australian Occupational Exposure Limit** |

| | |
|---|---|
| Version: | 3.0 |
| Revision Date: | 23 Apr 2026 |

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