

**SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

Product Name	<b>AAP AHS CONDITIONER YELLOW</b>
Material number	V29224
Recommended use	Transportation wash
Australian Distributor	Velocity Vehicle Care Pty Ltd 5 Horsburgh Drive, Altona North, Vic, 3025 Ph: 1300 990 074 Fax: 03 8669 4179 Email: <a href="mailto:orders@velocityvehiclecare.com">orders@velocityvehiclecare.com</a>
Emergency Number	<b>Australia: 1800 127 406</b>
NZ Distributor	Velocity Vehicle Care NZ Ltd Level 4 3 London St, Hamilton, 3204 Phone: 0800 483 562 (0800 4 VELOC) Fax: 07 974 9540 Email: <a href="mailto:orders@velocityvehiclecare.com">orders@velocityvehiclecare.com</a>
Emergency Number	<b>New Zealand: 0800 243 622</b>
Overseas Supplier	NCS Vehicle Care

**SECTION 2. HAZARDS IDENTIFICATION****Dangerous Goods Classification**

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code 7th ed.) for transport by Road and Rail.

Classified as a Dangerous Good 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.

<b>Skin corrosion</b>	<b>Category 1B</b>
<b>Serious eye damage</b>	<b>Category 1</b>
<b>Skin sensitiser</b>	<b>Category 1</b>
<b>Respiratory sensitiser</b>	<b>Category 1</b>

**GHS label elements****Hazard pictograms**

**Signal Word**

**DANGER**

**Hazard statements**

**H314 Causes severe skin burns and eye damage.**  
**H317 May cause an allergic skin reaction.**  
**H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.**

**Precautionary statements**

**Prevention**

P260 Do not breathe mists.  
P264 Wash exposed skin thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves, protective clothing, eye protection & face protection.  
P284 In case of inadequate ventilation wear respiratory protection.

**Response**

P301 + P330 + P331 **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting.  
P310 Immediately call a doctor  
P305 + P351 + P338 **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P303 + P361 + P353 **IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with shower.  
P304 + P340 **IF INHALED:** Remove person to fresh air and keep comfortable for breathing.  
P342 + P311 If experiencing respiratory symptoms: Call a doctor.  
P363 Wash contaminated clothing before reuse.

**Storage**

P405 Store locked up.

**Disposal**

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

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

Substance / Mixture : Mixture

**Hazardous components**

Chemical name	CAS-No.	Concentration [%]
Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	≥ 10 - < 20
Propane-1,2-diol	57-55-6	≥ 5 - < 10
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	68585-34-2	≥ 1 - < 5
Trisodium 5-hydroxy-1-(4-sulphophenyl)-4-(4-sulphophenylazo)pyrazole-3-carboxylate	1934-21-0	≥ 1 - < 5
(2-methoxymethylethoxy)propanol (Mixture of isomers)	34590-94-8	≥ 1 - < 5
Amines, tallow alkyl, ethoxylated	61791-26-2	≥ 1 - < 5
2-aminoethanol	141-43-5	≥ 1 - < 5
Ethanol	64-17-5	≥ 1 - < 5
Citric acid	77-92-9	≥ 1 - < 5

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

**SECTION 4. FIRST AID MEASURES**

<b>General advice</b>	Move non-essential personnel away from treatment area, spill, or dangerous area. Have this safety data sheet available for emergency/medical responders.
<b>If inhaled</b>	Move to fresh air. If unconscious place in recovery position and seek immediate medical attention. If symptoms persist, call a doctor.  Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty. Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. If skin irritation persists after medical treatment, call a doctor.
<b>In case of skin contact</b>	
<b>In case of eye contact</b>	Small amounts splashed into eyes can cause irreversible tissue damage and blindness. Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Continue rinsing eyes during transport to hospital. Protect unharmed eye. Keep eye wide open while rinsing.
<b>If swallowed</b>	Clean mouth with water and drink afterwards plenty of water. Keep respiratory tract clear. DO NOT induce vomiting unless directed to do so by a doctor or Poison Centre. Never give anything by mouth to an unconscious person. Take victim immediately to hospital.
<b>Protection of first aiders</b>	If potential for exposure exists refer to Section 8 for specific personal protective equipment.
<b>Most important symptoms and effects, both acute and delayed</b>	Effects are immediate and delayed. Symptoms may include blistering, irritation, burns, and pain. Effects are dependent on exposure (dose, concentration, contact time). Review section 2 of SDS Review section 2 of SDS to see all potential hazards.
<b>Notes to physician</b>	Treat symptomatically. Symptoms may be delayed.

**SECTION 5. FIREFIGHTING MEASURES**

<b>Suitable extinguishing media</b>	Dry chemical Alcohol-resistant foam Carbon dioxide (CO <sub>2</sub> ) Water spray
<b>Unsuitable extinguishing media</b>	Do not use high volume water jets as an extinguisher, as this will spread the fire.
<b>Specific hazards during firefighting</b>	Do not allow run-off from firefighting to enter drains or water courses. Not flammable or combustible. May produce toxic fumes.
<b>Hazardous combustion products</b>	Decomposition products may include the following materials: Carbon dioxide (CO <sub>2</sub> ) Carbon monoxide Smoke Nitrogen oxides (NO <sub>x</sub> ) Sulfur oxides
<b>Specific extinguishing methods</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
<b>Special protective equipment for firefighters</b>	Firefighters are to wear self-contained breathing apparatus if in risk of exposure to fumes or products of combustion.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions, protective equipment and emergency procedures</b>	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.
<b>Environmental precautions</b>	Prevent product from entering drains, waterways, stormwater or sewer. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.
<b>Methods and materials for containment and cleaning up</b>	Stop leak if safe to do so. Contain spillage, neutralise with chalk or a weak alkali solution 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). 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**

Avoid formation of aerosols. Do not breathe sprays or mists. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms.

**Advice on safe handling**

**SENSITISED INDIVIDUALS** - Avoid all exposure if you have been previously sensitised to the chemical substance identified in Section 11 of this document. Do not handle this product and avoid skin contact with surfaces that have recently been cleaned with this product.

**RESPIRATORY SENSITISATION** - The product contains a respiratory sensitizer. Use in well-ventilated areas and avoid breathing vapours, mists or dusts during use. Persons with previous respiratory sensitisation to the chemical substances identified in Section 11 of this document, need to avoid all contact with this product and should not be working in the vicinity of where the product is being used or recently used.

**Conditions for safe storage**

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Keep away from oxidizing agents and strongly alkaline materials.

**Materials to avoid**

Strong oxidizing agents.

**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-Methoxy methylethoxy)propanol (Mixture of isomers) aka Dipropylene glycol methyl ether	34590-94-8	TWA	50 ppm 308 mg/m <sup>3</sup>	SWA
		TWA	100 ppm 606 mg/m <sup>3</sup>	NZ WES
		STEL	150 ppm 909 mg/m <sup>3</sup>	NZ WES
Ethanol	64-17-5	TWA	1000 ppm 1880 mg/m <sup>3</sup>	SWA
		TWA	1000 ppm 1880 mg/m <sup>3</sup>	NZ WES

Sulfuric acid (component of benzenesulfonic acid, C10-16-alkyl derivs)	7664-93-9	TWA	1 mg/m <sup>3</sup>	SWA
		STEL	3 mg/m <sup>3</sup>	SWA
		TWA	1 mg/m <sup>3</sup>	NZ WES
Propane-2-diol	57-55-6	TWA	150 ppm 474 mg/m <sup>3</sup>	SWA NZ WES
2-aminoethanol	141-43-5	TWA	3 ppm 7.5 mg/m <sup>3</sup>	SWA NZ WES
		STEL	6 ppm 15 mg/m <sup>3</sup>	SWA NZ WES

**Biological occupational exposure limits**

None allocated

**Engineering measures**

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

**Personal protective equipment**

**Respiratory protection**

Avoid breathing mists or sprays. If working in a poorly ventilated area and exposure limits may be exceeded, wear a respirator with ABEK-P2 filter to protect against organic vapours and acidic mists.

**Hand protection**

Wear chemical resistant gloves such as nitrile, neoprene, natural rubber and PVC.

**Eye protection**

Safety glasses with side-shields, face shield.

**Skin and body protection**

Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the workplace.

**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**

<b>Appearance</b>	liquid
<b>Colour</b>	orange
<b>Odour</b>	slight
<b>Odour Threshold</b>	no data available
<b>pH</b>	<1.1
<b>Melting point/freezing point</b>	no data available
<b>Boiling point</b>	> 100 °C
<b>Flash point</b>	> 100 °C
<b>Evaporation rate</b>	no data available
<b>Upper explosion limit</b>	no data available
<b>Lower explosion limit</b>	no data available
<b>Vapour pressure</b>	no data available
<b>Relative vapour density</b>	no data available
<b>Density</b>	1.045 - 1.055 g/cm <sup>3</sup>
<b>Water solubility</b>	soluble
<b>Solubility in other solvents</b>	no data
<b>Partition coefficient: n- octanol/water</b>	no data available
<b>Auto-ignition temperature</b>	not determined
<b>Thermal decomposition</b>	no data available
<b>Viscosity, kinematic</b>	no data available

**SECTION 10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	Stable
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No decomposition if stored and applied as directed.
<b>Conditions to avoid</b>	Avoid excessive heat and direct sunlight.
<b>Incompatible materials</b>	Oxidising agents
<b>Hazardous decomposition products</b>	Decomposition products may include the following materials: Sulfur dioxide Carbon dioxide (CO <sub>2</sub> ) Carbon monoxide Nitrogen oxides Metal oxides

**SECTION 11. TOXICOLOGICAL INFORMATION****Information on possible routes of exposure**

Possible workplace exposure routes are: Inhalation, Eye contact, Skin contact

**Acute symptoms related to exposure****Eye**

Corrosive to eye. Symptoms may include blistering, irritation, burns, and pain. Permanent corneal damage may occur if medical treatment is not obtained immediately.

**Skin**

The material can produce chemical burns following direct contact with the skin. Contact can also cause skin redness and pain, as well as a rash. Cracking, scaling and blistering can occur.

**Inhalation**

The material can cause respiratory irritation. Inhalation of aerosols (mists, fumes) can cause irritation of the respiratory tract, with coughing, choking and mucous membrane damage. There may be dizziness, headache, nausea and weakness.

**Ingestion**

The material can produce chemical burns within the oral cavity and gastrointestinal tract following ingestion. Ingestion may produce diarrhoea, bloated stomach, and occasional vomiting.

**Acute oral toxicity**

Acute toxicity estimate : 2,934 mg/kg  
Method: Calculation method

**Acute inhalation toxicity**

Acute toxicity estimate : > 40 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Calculation method

**Acute dermal toxicity**

Acute toxicity estimate : > 5,000 mg/kg  
Method: Calculation method

**Skin corrosion/irritation**

Extremely corrosive and destructive to tissue.

**Serious eye damage/eye irritation**

May cause irreversible eye damage.

**Respiratory or skin sensitisation**

May cause respiratory or skin sensitisation

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**Reproductive toxicity**

No data available

**STOT - single exposure**

no data available

<b>STOT - repeated exposure</b>	no data available
<b>Aspiration toxicity</b>	no data available
<b>Components (Ingredients)</b>	Ethanol
	LD50 Rat: 7,060 mg/kg
	Citric acid
	LD50 I Rat: 5,400 mg/kg
<b>Acute oral toxicity</b>	2-aminoethanol
	LD50 Rat: 1,515 mg/kg
	LD50 Mouse: 700 mg/kg
<b>Acute inhalation toxicity</b>	Ethanol
	LC50 Rat: 124.7 mg/l
	Exposure time: 4 h
	2-aminoethanol
	LC50 Mouse: > 1.21 mg/l
	Citric acid
<b>Acute dermal toxicity</b>	LD50 Rabbit: > 2,000 mg/kg
<b>Skin corrosion/irritation</b>	Benzenesulfonic acid, C10-16-alkyl derivs. Causes severe skin burns.
<b>Serious eye damage/eye irritation</b>	Benzenesulfonic acid, C10-16-alkyl derivs: May cause irreversible eye damage.
<b>Respiratory or skin sensitisation</b>	trisodium 5-hydroxy-1-(4-sulphophenyl)-4-(4-sulphophenylazo)pyrazole-3-carboxylate: May cause sensitisation by inhalation. May cause sensitisation by skin contact.
<b>Germ cell mutagenicity</b>	No data
<b>Carcinogenicity</b>	No data
<b>Reproductive toxicity</b>	No data
<b>STOT - repeated exposure</b>	No data

**SECTION 12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	No data available
<b>Toxicity to fish (Component)</b>	Benzenesulfonic acid, C10-16-alkyl derivs EC50 1-<10mg/L
<b>Persistence and degradability</b>	No data on product. Organic components are biodegradable.
<b>Bioaccumulative potential</b>	No data available
<b>Partition coefficient: n-octanol/water</b>	No data
<b>Mobility in soil</b>	Soluble in water.
<b>Other adverse effects</b>	No data available

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

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.

**Waste from residues**

Where local regulations allow, dilute pH-adjusted wastes may be sent to sewer.

**Contaminated packaging**

Empty remaining contents. Containers must remain labelled until all traces and residues have been removed. Dispose of as unused product. Do not re-use empty containers. 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 Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS. Classified as a Dangerous Good according to NZS 5433:2020 Transport of Dangerous Goods on Land.

**Land transport (ADG)**

UN number	UN 2586
Shipping name	ALKYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulfuric acid
Class	8
Packing group	III
Hazchem Code	2X

**Marine Transport**

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

**Marine transport (IMDG/IMO)**

UN number	UN 2586
Shipping name	ALKYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulfuric acid
Class	8
Packing group	III
Marine pollutant	No
EMS Code	F-A, S-B

**Air Transport**

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

**Air transport (IATA)**

UN number	UN 2586
Shipping name	ALKYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulfuric acid
Class	8
Packing group	III

**SECTION 15. REGULATORY INFORMATION**

AICS	All substances listed
Poisons Schedule	Not scheduled
NZ Approval Code	Cleaning Products (Corrosive) Group Standard 2020 The HSNO Approval Number is HSR002526
United States TSCA Inventory	On TSCA Inventory
Canadian Domestic Substances List (DSL)	This product contains the following components listed on the Canadian NDSL. All other components are on the Canadian DSL.

**SECTION 16. OTHER INFORMATION****Acronyms**

<b>AICS</b>	<b>Australian Inventory of Chemical Substances</b>
<b>SWA</b>	<b>Safe Work Australia</b>
<b>NZ</b>	<b>New Zealand</b>
<b>IARC</b>	<b>International Agency for Research on Cancer</b>
<b>WES</b>	<b>Workplace Exposure Standards</b>
<b>GHS</b>	<b>Globally Harmonised System of Classification and Labelling of Chemicals</b>
<b>HSNO</b>	<b>Hazardous Substances and New Organisms</b>
<b>EMS</b>	<b>Emergency Spill Procedures</b>
<b>STOT</b>	<b>Specific Target Organ Toxicity</b>
<b>TWA</b>	<b>Time Weighted Average</b>
<b>STEL</b>	<b>Short-Term Exposure Limit</b>
<b>CAS</b>	<b>Chemical Abstracts Service</b>

**Safety Data Sheet**  
**AAP AHS CONDITIONER YELLOW**

Version:	3.0
Revision Date:	13 May 2026

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