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

Product Name	**AAP AHS CONDITIONER RED**
Material number	V23024
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: orders@velocityvehiclecare.com
Emergency Number	**Australia: 1800 127 406**
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: orders@velocityvehiclecare.com
Emergency Number	**New Zealand: 0800 243 622**
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.

Skin corrosion	**Category 1B**
Serious eye damage	**Category 1**

GHS label elements

Hazard pictograms

Signal Word	**DANGER**
Hazard statements	**H314 Causes severe skin burns and eye damage.** **H401 Toxic to aquatic life.**[1]

[1] Not applicable under Australian workplace regulations.

Precautionary statements

Prevention
P260 Do not breathe mists or sprays.
P264 Wash exposed skin thoroughly after handling.
P280 Wear protective gloves, protective clothing, eye protection & face protection.
Response:
P301 + P330 + P331 + P310 **IF SWALLOWED**: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor or medical centre.
P303 + P361 + P353 **IF ON SKIN** (or hair): Take off immediately all contaminated clothing. Rinse skin (or hair) with shower.
P304 + P340 + P310 **IF INHALED**: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor or medical centre.
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.
P363 Wash contaminated clothing before reuse.
Storage:
P405 Store locked up.
Disposal:
P501 Dispose of contents/container in accordance with local 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
Alcohols, C10-16, ethoxylated, sulfates, sodium salts	68585-34-2	≥ 1 - < 5
(2-methoxymethylethoxy)propanol (Mixture of isomers)	34590-94-8	≥ 1 - < 5
Amines, tallow alkyl, ethoxylated	61791-26-2	≥ 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

General advice	Move non-essential personnel away from treatment area, spill, or dangerous area. Have this safety data sheet available for emergency/medical responders.
If inhaled	Move to fresh air. If unconscious place in recovery position and seek immediate medical attention. If symptoms persist, call a doctor.
In case of skin contact	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.
In case of eye contact	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.
If swallowed	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.
Most important symptoms and effects, both acute and delayed	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.
Notes to physician	Treat symptomatically. Symptoms may be delayed.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	Dry chemical Alcohol-resistant foam Carbon dioxide (CO2) Water spray
Unsuitable extinguishing media	Do not use high volume water jets as an extinguisher, as this will spread the fire.
Specific hazards during firefighting	Do not allow run-off from firefighting to enter drains or water courses. Not flammable or combustible. May produce toxic fumes.
Hazardous combustion products	Decomposition products may include the following materials: Carbon dioxide (CO2) Carbon monoxide Smoke Nitrogen oxides (NOx)
Specific extinguishing methods	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.
Special protective equipment for firefighters	Firefighters are to wear self-contained breathing apparatus if in risk of exposure to fumes or products of combustion.

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	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.
Methods and materials for containment and cleaning up	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

Advice on safe handling

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. Dispose of rinse water in accordance with local and national regulations.

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^3	SWA
		TWA	100 ppm 606 mg/m^3	NZ WES
		STEL	150 ppm 909 mg/m^3	NZ WES
Ethanol	64-17-5	TWA	1000 ppm 1880 mg/m^3	SWA
		TWA	1000 ppm 1880 mg/m^3	NZ WES
Sulfuric acid (component of benzenesulfonic acid, C10-16-alkyl derivs)	7664-93-9	TWA	1 mg/m^3	SWA
		STEL	3 mg/m^3	SWA
		TWA	1 mg/m^3	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

Appearance	liquid
Colour	dark red
Odour	slight
Odour Threshold	no data available
pH	0-1
Melting point/freezing point	no data available
Boiling point	> 100 °C
Flash point	> 100 °C
Evaporation rate	no data available
Upper explosion limit	no data available
Lower explosion limit	no data available
Vapour pressure	no data available
Relative vapour density	no data available
Density	approximately 1
Water solubility	soluble
Solubility in other solvents	no data
Partition coefficient: n- octanol/water	no data available
Auto-ignition temperature	not determined
Thermal decomposition	no data available
Viscosity, kinematic	no data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	Stable
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No decomposition if stored and applied as directed.
Conditions to avoid	Avoid excessive heat and direct sunlight.
Incompatible materials	Oxidising agents
Hazardous decomposition products	Decomposition products may include the following materials: Sulfur dioxide Carbon dioxide (CO2) Carbon monoxide 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 : 3,014 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	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
Components (Ingredients)	
Acute oral toxicity	Ethanol LD50 Rat: 7,060 mg/kg Citric acid LD50 l Rat: 5,400 mg/kg
Acute inhalation toxicity	Ethanol LC50 Rat: 124.7 mg/l Exposure time: 4 h
Acute dermal toxicity	Citric acid LD50 Rabbit: > 2,000 mg/kg
Skin corrosion/irritation	Benzenesulfonic acid, C10-16-alkyl derivs. Causes severe skin burns.
Serious eye damage/eye irritation	Benzenesulfonic acid, C10-16-alkyl derivs: May cause irreversible eye damage.
Respiratory or skin sensitisation	No data
Germ cell mutagenicity	No data
Carcinogenicity	No data
Reproductive toxicity	No data
STOT - repeated exposure	No data

SECTION 12. ECOLOGICAL INFORMATION

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

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from 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 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

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**

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