

Section 1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Name	AAP AHS EXTREME SHINE WAX 2.5GL
Material number	V30401
Recommended use	Protective Coating
Australian Distributor	Velocity Vehicle Care Pty Ltd 10 Holmwood Rd, Tottenham, VIC, 3012 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	Zep Inc

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 5433:2012 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 1C
Serious eye damage	Category 1
Skin sensitisation	Category 1
Acute aquatic toxicity	Category 1
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.
H400 Very toxic to aquatic life

Precautionary statements

Prevention

P261 Avoid breathing mists, vapours or spray.
P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves, protective clothing, eye protection and face protection.

Response

P303 + P361 + P353 **IF ON SKIN** (or hair): Take off immediately all contaminated clothing. Rinse skin with shower.
P305 + P351 + P338 **IF IN EYES**: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P304 + P340 + P310 **IF INHALED**: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.
P301 + P330 + P331 **IF SWALLOWED**: Rinse mouth. Do NOT induce vomiting.
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 [%]
dodecyldimethylamine oxide	1643-20-5	>= 20 - < 30
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	61789-77-3	>= 3 - < 5
citric acid	77-92-9	>= 1 - < 3
1-methoxypropan-2-ol	107-98-2	>= 1 - < 3
propan-2-ol	67-63-0	>= 1 - < 3
(2-methoxymethylethoxy)propanol (Mixture of isomers)	34590-94-8	>= 1 - < 3
Amines, tallow alkyl, ethoxylated	61791-26-2	>= 1 - < 3
Proprietary fragrance	Not Assigned	>= 1 - < 3

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

SECTION 4. FIRST AID MEASURES

General advice	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
If inhaled	Remove victim from exposure to fresh air. Avoid becoming a victim: wear appropriate respiratory equipment and increase ventilation. If victim is unconscious, place in recovery position and seek medical advice. If, after medical treatment, symptoms persist, obtain further medical attention.
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, call a physician.
In case of eye contact	Small amounts splashed into eyes can cause irreversible tissue damage and blindness. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Continue rinsing eyes during transport to hospital. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If, after medical treatment, eye irritation persists, consult a specialist.
If swallowed	Keep respiratory tract clear. DO NOT induce vomiting unless directed to do so by a physician or poison control centre. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. 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. Aspiration may cause pulmonary oedema and pneumonitis. Effects are dependent on exposure (dose, concentration, contact time).
Causes severe skin burns and eye damage. May cause an allergic skin reaction.
Harmful if swallowed.
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	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Unsuitable extinguishing media	High volume water jet
Specific hazards during firefighting	Do not allow run-off from firefighting to enter drains or water courses.
Hazardous combustion products	Carbon dioxide (CO ₂) Carbon monoxide Smoke Nitrogen oxides (NO _x)
Specific extinguishing methods	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Further information	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. Use a water spray to cool fully closed containers.
Special protective equipment for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental precautions	Prevent product from entering drains. 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	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).

SECTION 7. HANDLING AND STORAGE

Advice on safe handling

Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
To avoid spills during handling keep bottle on a metal tray.
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage

Do not breathe vapours or spray mist.
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
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.
Electrical installations / working materials must comply with the technological safety standards.

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
1-methoxypropan-2-ol	107-98-2	TWA	100 ppm 369 mg/m ³	SWA/NZ WES
		STEL	150 ppm 553 mg/m ³	SWA/NZ WES
propan-2-ol	67-63-0	TWA	400 ppm (983 mg/m ³)	SWA
		STEL	500 ppm (1230 mg/m ³)	SWA/NZ WES
(2-Methoxy methylethoxy)propanol (Mixture of isomers)	34590-94-8	TWA	100 ppm 606 mg/m ³	NZ WES
		TWA	50 ppm 308mg/m ³	SWA
		STEL	150 ppm 909 mg/m ³	NZ WES

Biological occupational exposure limits

Component	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
Propan-2-ol	67-63-0	Acetone	Urine	End of shift at end of work week	40 mg/l	ACGIH BEI

Engineering measures	Effective exhaust ventilation system
Personal protective equipment	
Respiratory protection	Use respiratory protection unless adequate local exhaust ventilation is provided, or exposure assessment demonstrates that exposures are within recommended exposure guidelines. If ventilation is inadequate, use a respirator with filter to protect against organic vapours.
Hand protection	Protective gloves e.g. nitrile, neoprene, natural rubber, PVC
Eye protection	Ensure that eyewash stations and safety showers are close to the workstation location. Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.
Skin and body protection	Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the workplace.
Hygiene measures	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	liquid
Colour	purple
Odour	like fruit
Odour Threshold	No data available
pH	5 - 5.5, 1% (as aqueous solution)
Melting point/freezing point	< -6.67 °C
Boiling point	No data available
Flash point	93.3°C Method: closed cup
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	0.979 - 0.995 g/cm ³
Water solubility	No data available
Solubility in other solvents	Not determined
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	Extremes of temperature and direct sunlight
Incompatible materials	Oxidizing agents.
Hazardous decomposition products	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Nitrogen oxides (NOx)

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects

Information on possible routes of exposure	Possible workplace exposure routes are: inhalation, skin, eyes
Acute symptoms related to exposure	
Eye	The material can produce chemical burns to the eye and damage to the cornea following direct contact Vapours or mists may be extremely irritating. Symptoms may include burning, watering of the eye, cloudiness, pain, or redness.
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: > 5,000 mg/kg Method: Calculation method
Acute inhalation toxicity	Acute toxicity estimate: > 200 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 skin or respiratory sensitisation.
Germ cell mutagenicity	no data available
Carcinogenicity	no data available

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Safety Data Sheet
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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	citric acid LD50 Rat: 5,400 mg/kg propan-2-ol LD50 Rat: 4,396 mg/kg Method: Calculation method Ethanol LD50 Rat: 7,060 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	no data available
Serious eye damage/eye irritation	no data available
Respiratory or skin sensitisation	no data available
Germ cell mutagenicity	no data available
Carcinogenicity	no data available
Reproductive toxicity	no data available
STOT - repeated exposure	no data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

The ingredients dodecyldimethylamine oxide and quaternary ammonium compounds, dicoco alkyl dimethyl, chlorides are very toxic to the aquatic environment. This product has not been tested.

Persistence and degradability

The organic components are biodegradable.

Bioaccumulative potential

No data

Product:

Partition coefficient: n- octanol/water : Remarks: No data available

Components:

1-methoxypropan-2-ol:

Partition coefficient: n-octanol/water Pow: < 1

(2-methoxymethylethoxy)propanol (Mixture of isomers) :

Partition coefficient: n-octanol/water Pow: 0.0043

Mobility in soil

No data available

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 7th ed.) for Transport by Road and Rail; Classified as **Dangerous Goods** according to NZS 5433:2012 Transport of Dangerous Goods on Land.

Land transport (ADG)

UN number	1760
Shipping name	Corrosive Liquid, N.O.S. (Contains quaternary ammonium compounds)
Class	8 Sub risk: 9 Environmentally hazardous liquid*
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	1760
Shipping name	Corrosive Liquid, N.O.S. (Contains quaternary ammonium compounds)
Class	8 Sub risk: 9 Environmentally hazardous liquid
Packing group	III
Marine pollutant	No
IMDG EMS Fire/Spill	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	1760
Shipping name	Corrosive Liquid, N.O.S. (Contains quaternary ammonium compounds)
Class	8 Sub risk: 9 Environmentally hazardous liquid
Packing group	III

**Australian Special Provision: AU01 Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to the Australian Dangerous Goods Code when transported by road or rail in;*

- (a) *packagings that do not incorporate a receptacle exceeding 500 kg(L); or*
- (b) *IBCs.*

SECTION 15. REGULATORY INFORMATION

AICS	All substances listed
POISONS SCHEDULE	Not scheduled
NZ Approval code	Cleaning Products (Corrosive) Group Standard 2020 HSR002526

SECTION 16. OTHER INFORMATION

Version:	4.2
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