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

Product Name	**AAP EXTREME SHINE WAX 5GL**
Material number	000000000000311935
Recommended use	Vehicle care – wax
Australian Distributor	Velocity Vehicle Care Pty Ltd 5 Horsburgh Drive, Altona North, Vic, 3025 Ph: 1300 990 074 Email: orders@velocityvehiclecare.com **Australia: 1800 127 406**
Emergency Number	
NZ Distributor	Velocity Vehicle Care NZ Ltd Level 4 3 London St, Hamilton, 3204 Phone: 0800 483 562 (0800 4 VELOC) 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 5433:2012 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 1B**
Eye damage	**Category 1**
Acute aquatic toxicity	**Category 1**
Flammable Liquid	**Category 4**

GHS label elements

Hazard pictograms

Signal Word	**DANGER**
Hazard statements	H314 Causes severe skin burns and eye damage. H227 Combustible liquid. H400 Very toxic to aquatic life.

Precautionary statements

Prevention
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
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 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. Immediately call a doctor or medical centre.
P363 Wash contaminated clothing before reuse.
P370 + P378 In case of fire: Use alcohol-resistant foam, carbon dioxide (CO2), dry chemical, water spray to extinguish.
Storage:
P403 + P405 Store locked up in a well-ventilated place.
Disposal:
P501 Dispose of contents/container in accordance with local regulation.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration [%]
dodecyldimethylamine oxide	1643-20-5	>= 10 - < 20
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	61789-77-3	>= 1 - < 5
acetic acid	64-19-7	>= 1 - < 5
Amines, tallow alkyl, ethoxylated	61791-26-2	>= 1 - < 5
propan-2-ol	67-63-0	>= 1 - < 5

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. Symptoms of poisoning may appear several hours later. Do not leave the victim unattended.
If inhaled	Move to fresh air. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician
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. 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 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. Effects are dependent on exposure (dose, concentration, contact time). Causes severe skin burns and eye damage. 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	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical Water spray
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 (CO2) Carbon monoxide Smoke Nitrogen oxides (NOx)
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. For safety reasons in case of fire, cans should be stored separately in closed containments. 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. Use only non-sparking tools. Remove all ignition sources.
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 formation of aerosols. Do not breathe mists or sprays. 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. Electrical installations / working materials must comply with the technological safety standards.
Materials to avoid	Strong oxidizing agents and strongly acid or alkaline materials.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Acetic acid	64-19-7	TWA	10 ppm 25 mg/m^3	SWA/NZ WES
		STEL	15 ppm 37 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

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. Filter should protect against organic vapours and acid mists.

Hand protection: Elbow-length impervious gloves

Eye protection: Chemical goggles, 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 purple
Odour	characteristic
Odour Threshold	No data available
pH	5-6
Melting point/freezing point	No data available
Boiling point	> 100 °C
Flash point	66°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	0.940 g/cm^3
Water solubility	soluble
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	No data available
Incompatible materials	Oxidizing agents
Hazardous decomposition products	Carbon monoxide, carbon dioxide

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	A severe eye irritant. Corrosive to eyes; contact can cause corneal burns. Contamination of eyes can result in permanent injury
Skin	Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns.
Inhalation	Breathing in mists or aerosols may produce respiratory irritation.
Ingestion	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract.
Acute oral toxicity	Acute toxicity estimate: >5000 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	No data available
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	Repeated skin or prolonged contact may cause dermatitis
Aspiration toxicity	No data available
Components (Ingredients)	
Acute oral toxicity	Acetic acid LD50 Rat: 3,310 mg/kg propan-2-ol LD50 Rat: 4,396 mg/kg Method: Calculation method
Acute inhalation toxicity	No data
Acute dermal toxicity	No data
Skin corrosion/irritation	No data
Serious eye damage/eye irritation	No data
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

The ingredients, quaternary ammonium compound dicoco alkyl dimethyl chlorides and quaternary ammonium compound dicoco alkyl dimethyl chlorides are toxic to the aquatic environment. This product has not been tested, however according to GHS criteria, this mixture is classified as (acute) toxic to aquatic life

Persistence and degradability

The major organic components are biodegradable

Bioaccumulative potential

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

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues	Do not dispose of waste into sewer unless allowed following treatment under a local trade waste agreement. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations.
Contaminated packaging	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Container must remain labelled until all traces and residues have been removed. Do not burn, or use a cutting torch on, the empty drum.

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 5433:2012 Transport of Dangerous Goods on Land.

UN	1760
Class	8
Sub risk	9 (Environmentally hazardous liquid)
Packing Group	II
Proper shipping name	Corrosive liquid, N.O.S., (QUATERNARY AMMONIUM COMPOUNDS)
HAZCHEM	2X

Australian Special Provision: AU01 Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to this Code when transported by road or rail in;
(a) packagings that do not incorporate a receptacle exceeding 500 kg(L); or
(b) IBCs.

Marine Transport
Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS

UN	1760
Class	8
Sub risk	9 (Environmentally hazardous liquid)
Packing Group	II
Proper shipping name	Corrosive liquid, N.O.S., (QUATERNARY AMMONIUM COMPOUNDS)
EMS/Spill	F-A, S-B
Marine Pollutant	No

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

UN	1760
Class	8
Sub risk	9 (Environmentally hazardous liquid)
Packing Group	II
Proper shipping name	Corrosive liquid, N.O.S., (QUATERNARY AMMONIUM COMPOUNDS}

SECTION 15. REGULATORY INFORMATION

AICS	All substances listed
POISONS SCHEDULE	Not scheduled
NZ Approval code	Cleaning Products (Corrosive) Group Standard 2017 (HSR002526)
United States TSCA	On TSCA Inventory

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**

Version:	1.2
Revision Date:	27/4/2021
Print Date:	28/04/2021

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