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

Product Name	**AAP VELOCITY CLEAR COAT PROTECT**
Material number	**V41336**
Recommended use	Protective Coating
Australian Distributor	Velocity Vehicle Care Pty Ltd 5 Horsburgh Drive, Altona North, Vic, 3025 Ph: 1300 990 074 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) 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.

Flammable Liquid	**Category 4**
Aspiration hazard	**Category 1**
Skin corrosion	**Category 1B**
Serious eye damage	**Category 1**
Acute aquatic toxicity[1]	**Category 2**

GHS label elements

Hazard pictograms

[1] Not applicable under Australian workplace regulations.

Signal Word **DANGER**

Hazard statements
H227 Combustible liquid
H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.
H401 Toxic to aquatic life.[2]

Precautionary statements

Prevention
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 Do not breathe mists.
P264 Wash exposed skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
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.
P370 + P378 In case of fire: Use alcohol-resistant foam, carbon dioxide (CO2) or dry chemical to extinguish.
Storage:
P403 + P405 + P233 Store locked up in a well-ventilated place. Keep container tightly closed.
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 [%]
Distillates (petroleum), hydrotreated middle	64742-46-7	≥ 10 - < 20
Quaternary ammonium compounds, dicoco alkyl dimethyl, chlorides	61789-77-3	≥ 5 - < 10
2-butoxyethanol	111-76-2	≥ 5 - < 10
Amines, tallow alkyl, ethoxylated	61791-26-2	≥ 3 - < 5
Propan-2-ol	67-63-0	≥ 1 - < 3
Orange Vanilla fragrance	Mixture	≥ 1 - < 3

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

[2] Not applicable under Australian workplace regulations.

SECTION 4. FIRST AID MEASURES

General advice	Move out of dangerous area. Get medical attention immediately. 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 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). Symptoms may include central nervous system depression, resulting in headache, nausea and/or dizziness. Symptoms may include shortness of breath, dry cough, and irritation of the nose, eyes, lips, mouth, and throat. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Harmful if swallowed. 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	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
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. Remove all sources of ignition. Evacuate personnel to safe areas. Use non-sparking equipment.
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 exposure - obtain special instructions before use. 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. Do not breathe vapours or spray mist.
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.

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
propan-2-ol	67-63-0	TWA	400 ppm (983 mg/m^3)	SWA
		STEL	500 ppm (1230 mg/m^3)	SWA/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)	200 mg/g Creatinine	ACGIH BEI
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. Filter should protect against organic vapours.

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	brown
Odour	characteristic
Odour Threshold	No data available
pH	7.5 - 9.5
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	0.96 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	Heat, flames and sparks.
Incompatible materials	Oxidizing agents
Hazardous decomposition products	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke) if involved in a fire

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	Corrosive to skin - may cause skin burns. Contact with skin will result in severe irritation, possible blistering and pain.
Inhalation	Breathing in mists or aerosols may produce respiratory irritation. Symptoms may also include central nervous system depression, resulting in headache, nausea and/or dizziness, shortness of breath, dry cough, and irritation of the nose, lips, mouth, and throat.
Ingestion	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract.
Acute oral toxicity	Acute toxicity estimate: 4,897 mg/kg Method: Calculation method
Acute inhalation toxicity	Acute toxicity estimate: 103.77 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 to suggest this product is a skin or respiratory sensitiser
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	Entry of this product into the airways can be fatal.
Components (Ingredients)	
Acute oral toxicity	2-butoxyethanol: LD50 Rat: 880 mg/kg propan-2-ol LD50 Rat: 4,396 mg/kg Method: Calculation method
Acute inhalation toxicity	No data
Acute dermal toxicity	2-butoxyethanol: LD50 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	No data
Carcinogenicity	No data
Reproductive toxicity	No data
STOT - repeated exposure	No data

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

The ingredient Distillates (petroleum) hydrotreated middle is harmful to aquatic life and the ingredient quaternary ammonium compounds, dicoco alkyl dimethyl, chlorides is 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

No data available for the product, however the ingredients Distillates (petroleum) hydrotreated middle, 2-butoxyethanol and propan-2-ol are readily 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. 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 7th ed) for Transport by Road and Rail. Classified as a Dangerous Good according to NZS 5433:2012 Transport of Dangerous Goods on Land.

UN	1760
Proper shipping name	Corrosive Liquid, N.O.S. (Contains quaternary ammonium compounds)
Class	8
Sub risk	9 Environmentally hazardous liquid
Packing Group	III
HAZCHEM	2X

Marine Transport

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

UN	1760
Proper shipping name	Corrosive Liquid, N.O.S. (Contains quaternary ammonium compounds)
Class	8
Sub risk	9 Environmentally hazardous liquid

Packing Group	III
IMDG 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.

UN	1760
Proper shipping name	Corrosive Liquid, N.O.S. (Contains quaternary ammonium compounds)
Class	8
Sub risk	9 Environmentally hazardous liquid
Packing Group	III

SECTION 15. REGULATORY INFORMATION

AICS	All substances listed
POISONS SCHEDULE	S5
AICS	All ingredients listed
NZ Approval code	Cleaning Products (Corrosive) Group Standard 2020 HSR002526

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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