

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

Product Name	AAP AHS CLEAR COAT PROTECTANT
Material number	V19724
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.

Flammable Liquid	Category 3
Aspiration hazard	Category 1
Skin corrosion	Category 1B
Serious eye damage	Category 1
Skin sensitisation	Category 1
Specific target organ toxicity - single exposure	Category 3
Acute toxicity (Oral)	Category 4
Acute aquatic toxicity¹	Category 2

GHS label elements

Hazard pictograms



¹ Not applicable under Australian workplace regulations.

Signal Word

DANGER

Hazard statements

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness
H302 Harmful if swallowed.
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.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P260 Do not breathe mists or vapours.
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.

² Not applicable under Australian workplace regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration [%]
Distillates (petroleum), straight-run middle	64741-44-2	≥ 30 - < 50
Quaternary ammonium compounds, dicoco alkyl dimethyl, chlorides	61789-77-3	≥ 10 - < 20
2-butoxyethanol	111-76-2	≥ 10 - < 20
Amines, tallow alkyl, ethoxylated	61791-26-2	≥ 10 - < 20
Propan-2-ol	67-63-0	≥ 5 - < 10
Orange Vanilla fragrance	Mixture	≥ 5 - < 10

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

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 (CO ₂) 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 (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. 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. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low 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. Do not breathe vapours or spray mist. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as contents may be under pressure. To avoid spills during handling keep container on a metal tray. Dispose of rinse water in accordance with local and national regulations. This product contains a skin sensitizer. Frequent and prolonged contact with the skin should be avoided. Wash thoroughly with soap and water after handling and if a skin exposure occurs. 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.

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
propan-2-ol	67-63-0	TWA	25 ppm (120 mg/m ³)	NZ WES
		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	aromatic
Odour Threshold	no data available
pH	6.5-9.5
Melting point/freezing point	no data available
Boiling point	no data available
Flash point	48°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	0.89 - 0.91 g/cm ³
Water solubility	soluble in hot and cold water
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	Vapours may form explosive mixture with air. 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).

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

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: 1,950 mg/kg
Method: Calculation method

Acute inhalation toxicity

Acute toxicity estimate: 41.51 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 sensitisation.

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT - single exposure

May cause drowsiness or sleepiness.

STOT - repeated exposure

Repeated or prolonged skin contact may cause dermatitis

Aspiration toxicity

May be fatal if swallowed and enters lungs.

**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**

Quaternary ammonium compounds, dicoco alkyl dimethyl,
chlorides:
Causes severe skin burns.

**Serious eye
damage/eye irritation**

Quaternary ammonium compounds, dicoco alkyl dimethyl,
chlorides:
May cause irreversible eye damage.

**Respiratory or skin
sensitisation**

Orange vanilla fragrance:
May cause skin sensitisation

**Germ cell
mutagenicity**

No data

Carcinogenicity

No data

Reproductive toxicity

No data

**STOT - repeated
exposure**

No data

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

The ingredients distillates (petroleum), straight-run middle and quaternary ammonium compounds, 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 product has not been tested however the major organic component is not readily biodegradable therefore the product is not expected to be readily biodegradable. On release to the environment the lighter components of the product will generally evaporate but depending on local environmental conditions (temperature, wind, mixing or wave action, soil type, etc.) the remainder may become dispersed in the water column or absorbed to soil or sediment.

Bioaccumulative potential

No data available

**Partition coefficient: n-
octanol/water**

No data

Mobility in soil No data available

Other adverse effects No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Do not dispose of waste into sewer.

Waste from residues

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 5433:2020 Transport of Dangerous Goods on Land.

UN	1993
Class	3
Packing Group	III
Proper shipping name	Flammable Liquid N.O.S. (Contains isopropanol)
HAZCHEM	3Y

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	1993
Class	3
Packing Group	III
Proper shipping name	Flammable Liquid N.O.S. (Contains isopropanol)
EMS/Spill	F-E, S-D
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	1993
Class	3
Packing Group	III
Proper shipping name	Flammable Liquid N.O.S. (Contains isopropanol)

SECTION 15. REGULATORY INFORMATION

AICS	All substances listed
Poisons Schedule	S6 (2-butoxyethanol >10%)
NZ Approval code	Cleaning Products (Flammable) Group Standard 2020 HSR002528

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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