SECTION 1. IDENTIFICATION

Product Name **UNICLEAN 205B**

Recommended use of the chemical and restrictions on use

Recommended use	General Purpose Cleaner
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 non-Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code 7th ed.) for transport by Road and Rail.
Classified as non-Dangerous Goods 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.

Serious eye damage	**Category 1**

GHS label elements

Hazard pictograms

Signal Word **DANGER**

Hazard statements

H318 Causes serious eye damage.

Precautionary statements

Prevention

P280 Wear protective gloves, eye, and face protection.

Response

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 POISON CENTRE or doctor.

Storage

P401 Store in accordance with local regulations.

Disposal

P501 Dispose of contents & container in accordance with local, regional and national regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture Mixture

Hazardous components

Chemical name	CAS-No.	Concentration [%]
2-(2-butoxyethoxy)ethanol	112-34-5	5 - 10
alcohols, c12-15, ethoxylated	68131-39-5	1 - 5
linear alkylbenzene sulfonates	27177-77-1	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. Do not leave victim unattended.
Have this safety data sheet available for emergency/medical responders.

If inhaled

Move victim to fresh air. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a doctor.

In case of skin contact

Wash off immediately with plenty of water for at least 15 minutes. If on clothes, remove clothes. Wash clothing before reuse. Get medical attention if symptoms develop.

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 eye irritation persists, consult a specialist.
If swallowed	Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms develop. Contact the Poison's Information Centre (Australia 131 126; New Zealand 0800 764 766).
Protection of first aiders	If potential for exposure exists refer to Section 8 for specific personal protective equipment.
Notes to physician	Treat symptomatically. Symptoms may be delayed.
Most important symptoms and effects, both acute and delayed	Effects are immediate and delayed. Symptoms may include stinging, burning, redness, and pain. Effects are dependent on exposure (dose, concentration, contact time). Causes serious eye damage. Review section 2 of SDS to see all potential hazards.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards during firefighting	May produce toxic fumes, for example, carbon monoxide if burning. Do not allow run-off from firefighting to enter drains or water courses.
Hazardous combustion products	Carbon oxides, nitrogen oxides (NOx), sulfur oxides, oxides of phosphorus
Special protective equipment for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Specific extinguishing methods	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Use a water spray to cool fully closed containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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 contact with skin and eyes. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in Sections 7 and 8.
Environmental precautions	Do not allow contact with soil. Prevent runoff to waterways, drains, stormwater or sewer.
Methods and materials for containment and cleaning up	Stop leak if safe to do so. 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). 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 mists, vapours or spray. Use with adequate ventilation. Wash hands thoroughly after handling. Do not get in eyes, on skin, or on clothing.
Conditions for safe storage	Keep away from strongly acid materials. Keep away from food and drink. 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.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
None allocated				

Biological occupational exposure limits						
Component	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
None allocated						

Engineering measures	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Personal protective equipment	
Respiratory protection	No personal respiratory protective equipment normally required.

Hand protection	Wear rubber gloves or other chemical resistant gloves e.g. nitrile, neoprene, natural rubber or PVC
Eye protection	Safety glasses with side shields or chemical goggles.
Skin protection	Wear protective clothing and footwear.
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

	Product
Appearance	Liquid
Colour	Green
Odour	Characteristic
Odour threshold	No data
pH	No data
Melting point/freezing point	No data
Boiling point	No data
Flash point	No data
Evaporation rate	No data
Upper explosion limit	No data
Lower explosion limit	No data
Vapour pressure	No data
Relative vapour density	No data
Density	0.98-1.02
Water solubility	Soluble
Solubility in other solvents	No data
Partition coefficient: n- octanol/water	No data
Auto-ignition temperature	No data
Thermal decomposition	No data
Viscosity, kinematic	No data

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Extremes of temperature.
Incompatible materials	None known
Hazardous decomposition products	Combustion by-products may include the following materials: carbon oxides, nitrogen oxides (NOx), sulfur oxides, oxides of phosphorus

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects

Information on possible routes of exposure	Possible workplace exposure routes are: Inhalation Eye contact Skin contact
Acute symptoms related to exposure	
Eye	Severely irritating to eye. Symptoms may include redness, irritation, stinging, tearing and pain. Permanent corneal damage may occur if medical treatment is not obtained immediately.
Skin	May cause mild skin irritation after prolonged or persistent contact.
Inhalation	Health injuries are not known or expected under normal use.
Ingestion	Not known to be toxic when swallowed. However, if ingested, symptoms may include nausea, vomiting, pain, diarrhea.
Acute oral toxicity	Estimate : > 2,000 mg/kg Method: Calculation method
Acute inhalation toxicity	No data available
Acute dermal toxicity	No data available
Skin corrosion/irritation	No data available
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	2-(2-butoxyethoxy)ethanol: rat LD50>5080mg/kg Alcohols, c12-15, ethoxylated: rat LD50 > 5 000 mg/kg bw
Acute inhalation toxicity	Alcohols, c12-15, ethoxylated: LC50 rat 6 hr > 100 mg/m³ air
Acute dermal toxicity	2-(2-butoxyethoxy)ethanol:LD50 rabbit: 2,764 mg/kg Alcohols, c12-15, ethoxylated: LD50 rat: > 2,000 mg/kg
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	2-(2-butoxyethoxy)ethanol: highly irritating Linear alkylbenzene sulfonates cause severe 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	This product has not been tested.
Toxicity to fish	No data available
Toxicity to daphnia and other aquatic invertebrates	No data available
Toxicity to algae	No data available
Components (Ingredients)	
Toxicity to fish	2-(2-butoxyethoxy)ethanol: LC50 1300mg/l. Alcohol ethoxylates: 0.1 - 1.0 mg/L
Toxicity to daphnia	2-(2-butoxyethoxy)ethanol: EC50 100mg/l Alcohol ethoxylates: 0.1 – 1.0 mg/L
Toxicity to algae	2-(2-butoxyethoxy)ethanol: EC50 1100mg/l Alcohol ethoxylates: 0.1 – 1.0 mg/L

Persistence and degradability	2-(2-butoxyethoxy)ethanol: readily biodegradable Alcohols, c12-15, ethoxylated: readily biodegradable
Bioaccumulative potential	2-(2-butoxyethoxy)ethanol: low potential for bioaccumulation based on log Kow <=3 Alcohols, c12-15, ethoxylated: low potential for bioaccumulation
Partition coefficient: n-octanol/water	No data available
Mobility in soil	No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste product and residues	Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Where local laws allow, e.g. trade waste agreement, diluted pH-adjusted residues may be sent to sewer otherwise dispose of wastes in an approved waste disposal facility.
Contaminated packaging	Empty remaining contents. Dispose of as unused product. 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 **non-Dangerous Goods** by the criteria of the Australian Dangerous Goods Code (ADG Code 7th ed.) for Transport by Road and Rail; Classified as **non-Dangerous** according to NZS 5433:2020 Transport of Dangerous Goods on Land.

Marine Transport
Classified as **non-Dangerous Goods** by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport
Classified as **non-Dangerous Goods** by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

SECTION 15. REGULATORY INFORMATION

AICS	All substances listed
Poisons Schedule	Not scheduled.
NZ Approval Code	Cleaning Products (Subsidiary Hazard) Group Standard 2020. The HSNO Approval Number for this Group Standard is HSR002530.
United States TSCA Inventory	On TSCA Inventory
Canadian Domestic Substances List (DSL)	All components of this product are on the Canadian DSL.

SECTION 16. OTHER INFORMATION

AICS	**Australian Inventory of Chemical Substances**
CAS	**Chemical Abstracts Service**
DNEL	**Derived No Effect Level**
DSL	**Domestic Substances List**
EMS	**Emergency Spill Procedures**
GHS	**Globally Harmonised System of Classification and Labelling of Chemicals**
HSNO	**Hazardous Substances and New Organisms**
LC50	**Lethal Concentration, 50%**
LD50	**Lethal Dose, 50%**
NZ	**New Zealand**
STEL	**Short Term Exposure Limit**
STOT	**Specific Target Organ Toxicity**
SWA	**Safe Work Australia**
TSCA	**Toxic Substances Control Act**
TWA	**Time Weighted Average**
WES	**Workplace Exposure Standards**

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