

### SECTION 1. IDENTIFICATION

Product Name **ZEP MA-3 SHAMPOO**  
Material number 3763001 – 15LT  
3763003 – 3x5LT

#### **Recommended use of the chemical and restrictions on use**

Recommended use High foaming detergent

Product dilution information 0.5 % - 1.3 %

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](mailto: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](mailto:orders@velocityvehiclecare.com)

Emergency Number **New Zealand: 0800 243 622**

Overseas Supplier Zep Inc

### SECTION 2. HAZARDS IDENTIFICATION

#### **GHS Classification**

##### **Product AS SOLD**

Eye Damage Category 1

Skin Irritation Category 2

#### **GHS label elements**

Hazard pictograms



Signal Word

**DANGER**

Hazard statements	H318 Causes serious eye damage. H315 Causes skin irritation
Precautionary statements	<p><b>Prevention</b></p> <p>P264 Wash skin thoroughly after handling. P280 Wear eye protection and face protection.</p> <p><b>Response</b></p> <p>P305 + P351 + P338 <b>IF IN EYES:</b> Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a doctor or medical centre. P302 + P352 <b>IF ON SKIN:</b> Wash with plenty water. P332 + P313 If skin irritation occurs: Get medical attention.</p> <p><b>Storage</b></p> <p>P401 Store in accordance with local regulations.</p> <p><b>Disposal</b></p> <p>P501 Dispose of contents &amp; container in accordance with local, regional &amp; national Regulations.</p>

<b>Product AT RECOMMENDED USE DILUTION</b>	Not a hazardous substance or mixture
Precautionary statements	<p>Prevention: Wash hands thoroughly after handling.</p> <p>Response: Get medical advice/ attention if you feel unwell.</p> <p>Storage: Store in accordance with local regulations.</p>

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture                      Mixture

**Hazardous components**

Chemical name	CAS-No.	Concentration [%]
Sodium dodecylbenzene sulfonate	25155-30-0	10-30
1-(2-methoxy-2-methylethoxy)-2-propanol	34590-94-8	1-5
Alkylethersulphates	68891-38-3	1-5

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

<b>Product AT RECOMMENDED USE DILUTION</b>	Not classified as hazardous.
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**SECTION 4. FIRST AID MEASURES**

<b>General advice</b>	Move non-essential personnel away from treatment area, spill, or dangerous area. Have this safety data sheet available for emergency/medical responders.
<b>If inhaled</b>	Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.
<b>In case of skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if symptoms develop..
<b>In case of eye contact</b>	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
<b>If swallowed</b>	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).
<b>Protection of first aiders</b>	If potential for exposure exists refer to Section 8 for specific personal protective equipment.
<b>Notes to physician</b>	Treat Symptomatically.
<b>Most important symptoms and effects, both acute and delayed</b>	See Section 11 for more detailed information on health effects and symptoms.

**Product AT RECOMMENDED USE DILUTION**

In case of eye contact	Rinse with plenty of water.
In case of skin contact	Rinse with plenty of water.
If swallowed	Rinse mouth with water. Contact the Poison's Information Centre (Australia 131 126; New Zealand 0800 764 766).
If inhaled.	Get medical attention if symptoms occur

**SECTION 5. FIREFIGHTING MEASURES**

<b>Suitable extinguishing media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards during firefighting</b>	Not flammable or combustible. May produce toxic fumes, for example, carbon monoxide if burning.
<b>Hazardous combustion products</b>	Decomposition products may include the following materials: Carbon oxides, Sulfur oxides
<b>Special protective equipment for firefighters</b>	Firefighters are to wear self-contained breathing apparatus if in risk of exposure to fumes or products of combustion.
<b>Specific extinguishing methods</b>	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. In the event of fire and/or explosion do not breathe fumes. 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 inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators. 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.

**Product AT  
RECOMMENDED USE  
DILUTION**

**Personal precautions, protective equipment and emergency procedures**

Refer to protective measures listed in Sections 7 and 8.

**Environmental precautions  
Methods and materials for containment and cleaning up**

Prevent runoff to waterways, drains and stormwater. Same as for undiluted product.

**SECTION 7. HANDLING AND STORAGE**

**Advice on safe handling**

Do not swallow. Do not breathe mists, vapours or spray. Use only with adequate ventilation. Wash hands thoroughly after handling. Do not get in eyes, on skin, or on clothing.

**Conditions for safe storage**

Do not store near acids. Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.

**Storage temperature**

5 °C to 45 °C

**Product AT  
RECOMMENDED USE  
DILUTION**

**Advice on safe handling  
Conditions for safe storage**

Wash hands after handling. For personal protection see section 8. Keep out of reach of children. Store in suitable labelled containers. Do not mix with other chemicals.

**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-(2-methoxy-2-methylethoxy)-2-propanol	34590-94-8	TWA	50 ppm 308 mg/m3	AU OEL

**Biological occupational exposure limits**  
**Engineering measures**

None allocated.  
Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

**Personal protective equipment**  
**Respiratory protection**

Avoid breathing mists or sprays. No personal respiratory protective equipment normally required when used as directed. However, if working in a poorly ventilated area and exposure limits may be exceeded, wear a respirator with ABEK-P2 cartridge.

**Hand protection**

Wear rubber gloves or other resistant gloves if contact with skin is expected.

**Eye protection**

Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.

**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.

**Product AT RECOMMENDED USE DILUTION**

**Engineering measures** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Eye protection** Safety glasses.

**Hand protection** Protective gloves.

**Skin protection** No special protective equipment required when used as directed.

**Respiratory protection** No personal respiratory protective equipment normally required when used as directed.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

	<b>Product</b>	<b>Product AT RECOMMENDED USE DILUTION</b>
Appearance	liquid	liquid
Colour	clear, light blue	light yellow
Odour	hydrocarbon-like	odourless
Odour threshold	no data	no data
pH	12-14 (100%)	8.5-10.5
Melting point/freezing point	no data	
Boiling point	>100C	
Flash point	non-flammable	
Evaporation rate	no data	
Upper explosion limit	no data	
Lower explosion limit	no data	

Vapour pressure	no data
Relative vapour density	no data
Density	1.02-1.05
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	145.188 mm <sup>2</sup> /s (40 °C)

**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	Excessive heat
Incompatible materials	Acids, metals
Hazardous decomposition products	Decomposition products may include the following materials: Carbon oxides, sulfur oxides

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Potential Health Effects**

<b>Information on possible routes of exposure</b>	Possible workplace exposure routes are: inhalation, eye contact, skin contact
<b>Acute symptoms related to exposure</b>	
Eye	Symptoms include redness, pain, tearing, eyelid spasms, blurred vision, chemical conjunctivitis, burns. Risk of permanent eye and/or blindness.
Skin	Irritant. Product can cause redness, pain, itching, scaling, dry skin.
Inhalation	Health injuries are not known or expected under normal use.
Ingestion	Health injuries are not known or expected under normal use, however if swallowed may cause vomiting and nausea.
Acute oral toxicity	Acute toxicity estimate : > 2,000 mg/kg (calculation method)
Acute inhalation toxicity	no data available
Acute dermal toxicity	no data available
Skin corrosion/irritation	Skin irritant
Serious eye damage/eye irritation	Corrosive to eye.
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
<b>Components (Ingredients)</b>	
Acute oral toxicity	Sodium dodecylbenzene sulfonate LD50 rat: 650mg/kg
Acute inhalation toxicity	1-(2-methoxy-2-methylethoxy)-2-propanol LC50 Rat: nil mortality at 552ppm/8 hours
Acute dermal toxicity	Sodium dodecylbenzene sulfonate LD50 rat: >2000 mg/kg. 1-(2-methoxy-2-methylethoxy)-2-propanol LD50 rabbit: 9,510 mg/kg alkylethersulphates LD50 rabbit: 8,000 mg/kg
Skin corrosion/irritation	Sodium dodecylbenzene sulfonate Rabbit: Category 1C corrosive
Serious eye damage/eye irritation	Sodium dodecylbenzene sulfonate Rabbit: Category 1 serious eye damage
Respiratory or skin sensitisation	Sodium dodecylbenzene sulfonate Not sensitising
Germ cell mutagenicity	No data
Carcinogenicity	Sodium dodecylbenzene sulfonate Insufficient data to classify. Ingestion studies showed no evidence of carcinogenicity. 1-(2-methoxy-2-methylethoxy)-2-propanol No evidence to support classification as a carcinogen
Reproductive toxicity	Sodium dodecylbenzene sulfonate No evidence for reproductive toxicity
STOT - repeated exposure	1-(2-methoxy-2-methylethoxy)-2-propanol Inhalation repeated dose: 308 mg/m <sup>3</sup> DNEL

**Product AT  
RECOMMENDED USE  
DILUTION**

Eye, skin, inhalation, ingestion Health injuries are not known or expected under normal use.

## SECTION 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	This product has no known ecotoxicological effects.
<b>Toxicity to fish</b>	no data available
<b>Toxicity to daphnia and other aquatic invertebrates</b>	no data available
<b>Toxicity to algae</b>	no data available
<b>Components (Ingredients)</b>	
<b>Toxicity to fish</b>	sodium dodecylbenzene sulfonate 96 h LC50: 3.2 mg/l 1-(2-methoxy-2-methylethoxy)-2-propanol 96 h LC50 Fish: > 1,000 mg/l alkylethersulphates 96 h LC50 Fish: 7.1 mg/l
<b>Persistence and degradability</b>	No data on product. Listed components are readily biodegradable.
<b>Bioaccumulative potential</b>	No data available

<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Mobility in soil</b>	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.
Contaminated packaging	Empty remaining contents. 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.

**Product AT RECOMMENDED USE DILUTION**

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, diluted pH-adjusted wastes may be sent to sewer.
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**SECTION 14. TRANSPORT INFORMATION**

**Road and Rail Transport**

Classified as Non-Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code 7<sup>th</sup> ed.) for Transport by Road and Rail; Classified as a Non-Dangerous Good according to NZS 5433:2012 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	Schedule 5
NZ Approval Code	Cleaning Products (Subsidiary Hazard) Group Standard 2020 HSNO Approval Number is HSR002530
United States TSCA Inventory	On TSCA Inventory
Canadian Domestic Substances List (DSL)	This product contains the following components that are not on the Canadian DSL nor NDSL



**SECTION 16. OTHER INFORMATION**

<b>AICS</b>	<b>Australian Inventory of Chemical Substances</b>
<b>SWA</b>	<b>Safe Work Australia</b>
<b>NZ</b>	<b>New Zealand</b>
<b>IARC</b>	<b>International Agency for Research on Cancer</b>
<b>WES</b>	<b>Workplace Exposure Standards</b>
<b>GHS</b>	<b>Globally Harmonised System of Classification and Labelling of Chemicals</b>
<b>HSNO</b>	<b>Hazardous Substances and New Organisms</b>
<b>EMS</b>	<b>Emergency Spill Procedures</b>
<b>STOT</b>	<b>Specific Target Organ Toxicity</b>
<b>TWA</b>	<b>Time Weighted Average</b>
<b>STEL</b>	<b>Short-Term Exposure Limit</b>
<b>CAS</b>	<b>Chemical Abstracts Service</b>
<b>DNEL</b>	<b>Derived No Effect Level</b>
<b>TSCA</b>	<b>Toxic Substances Control Act</b>
<b>DSL</b>	<b>Domestic Substances List</b>
<b>NDSL</b>	<b>Non-Domestic Substances List</b>
<b>AU OEL</b>	<b>Australian Occupational Exposure Limit</b>

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