

SECTION 1. IDENTIFICATION

Product Name **ZEP Z-MAXX MEGA FOAM BLUE 5GL**
Material number 30005545

Recommended use of the chemical and restrictions on use

Recommended use 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 5433:2012 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.

Serious eye damage	Category 1
Skin Irritation	Category 2
Respiratory sensitisation	Category 1
Skin sensitisation	Category 1

GHS label elements

Hazard pictograms



Signal Word

DANGER

Hazard statements

H318 Causes serious eye damage

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statements

Prevention

P261 Avoid breathing mists and sprays.

P264 Wash skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves, eye protection and face protection.

P284 In case of inadequate ventilation wear respiratory protection.

Response

P303 + P361 + P353 + P363 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with shower. Wash contaminated clothing before reuse.

P305 + P351 + P338 IF IN EYES: 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.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P342 + P311 If experiencing respiratory symptoms: Call a doctor or medical centre immediately.

Disposal

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

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture

Mixture

Hazardous components

Chemical name	CAS-No.	Concentration [%]
Sodium dodecylbenzenesulfonate	25155-30-0	≥ 10 - < 20
Sodium xylene sulphonate	1300-72-7	≥ 1 - < 3
Sulfuric acid, mono-C10-16-alkyl esters, sodiumsalts	68585-47-7	≥ 1 - < 3
Glutaral	111-30-8	≥ 1 - < 3
Benzaldehyde	100-52-7	≥ 1 - < 3

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.
Have this safety data sheet available for emergency/medical responders.

If inhaled

Remove to fresh air.
If casualty is unconscious and not breathing – ensure that there is no obstruction to breathing and give artificial respiration by trained personnel. If necessary, give external cardiac massage and obtain medical assistance. If casualty is unconscious and breathing, place in the recovery position, obtain medical assistance. Administer oxygen if necessary.

In case of skin contact

Wash off immediately with plenty of water for at least 15 minutes.
Remove contaminated clothing and shoes. Wash contaminated clothing before reuse.

In case of eye contact

Get medical attention if irritation develops and persists.
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.
Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms develop.

If swallowed

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.

Most important symptoms and effects, both acute and delayed

Effects are dependent on exposure (dose, concentration, contact time).
Effects are immediate and delayed.
Eye contact symptoms may include irritation, redness, pain, stinging and watering. Corneal damage can occur without treatment. Respiratory symptoms may include difficulty breathing, coughing, wheezing, throat irritation, and tightness/closure of airway. Skin contact symptoms may include itchiness, redness, rash, dry skin.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards during firefighting	Not flammable or combustible. May produce toxic fumes, for example, carbon monoxide if burning.
Hazardous combustion products	Decomposition products may include the following materials: Carbon oxides (carbon dioxide, carbon monoxide) Sulfur oxides Smoke
Special protective equipment for firefighters	Firefighters are to wear self-contained breathing apparatus if in risk of exposure to fumes or products of combustion.
Specific extinguishing methods	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.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling	Avoid formation of aerosols. Do not breathe mists, vapours or spray. Provide sufficient air exchange and/or exhaust in work rooms. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. Wash hands thoroughly after handling. Do not get in eyes, on skin, or on clothing. 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. Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
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.
Storage temperature	Store away from oxidising agents. 10 - < 50 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Glutaral	111-30-8	TWA	0.1 ppm peak limitation 0.41 mg/m ³ peak limitation	SWA
		TWA	Ceiling 0.05ppm (0.21mg/m ³)	NZ WES

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

Engineering measures

Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Respiratory protection

Avoid breathing mists or sprays. Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Respirator filter should protect against organic vapours.

Hand protection

Wear rubber gloves such as nitrile, neoprene or other resistant gloves such as PVC, if contact with skin is expected.

Eye protection

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

Skin protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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.

Version 5.0

Safety Data Sheet
ZEP Z-Maxx MEGA FOAM BLUE 5GL

Revised 23 Apr 2021

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

	Product
Appearance	Liquid
Colour	Dark blue
Odour	Characteristic
Odour threshold	No data available
pH	7 - 8
Melting point/freezing point	No data
Boiling point	> 100 °C
Flash point	>100°
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 - 1.07 g/cm3
Water solubility	Soluble in hot and cold water.
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 and direct sunlight.
Incompatible materials	Oxidising agents
Hazardous decomposition products	Decomposition products may include the following materials: carbon oxides sulfur oxides

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

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

Vapour or mist can cause irritation of the nose, throat, and upper respiratory tract. May also cause difficulty breathing, coughing, wheezing and tightness/closure of airway.

Ingestion

Symptoms include gastrointestinal irritation, nausea, vomiting, diarrhoea.

Acute oral toxicity

Acute toxicity estimate : 2,010 mg/kg

Method: Calculation method

Acute toxicity estimate : 50.01 mg/l

Exposure time: 4 h

Test atmosphere: vapour

Method: Calculation method

Acute inhalation toxicity

Acute toxicity estimate : > 5,000 mg/kg

Acute dermal toxicity

Skin corrosion/irritation

Irritating to skin.

Serious eye damage/eye irritation

May cause irreversible eye damage

Respiratory or skin sensitisation

Causes sensitisation.

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

Prolonged and repeated skin contact may lead to dermatitis.

Aspiration toxicity

No data available

Components (Ingredients)

Acute oral toxicity

Sodium dodecylbenzenesulfonate

LD50 Rat: 438 mg/kg

Sulfuric acid, mono-C10-16-alkyl esters, sodium salts

LD50 Rat: 800 - 2,700 mg/kg

Glutaral

LD50 Rat - 77 mg/kg

Acute inhalation toxicity

Glutaral

LC50 Rat, 4 h exposure 0.28 < LC50 < 0.39 mg/L

Sulfuric acid, mono-C10-16-alkyl esters, sodium salts

LD50 Rabbit: >= 10,000 mg/kg

Acute dermal toxicity

Glutaral

LD50 Rat > 2000 mg/kg

Skin corrosion/irritation

No data

Serious eye damage/eye irritation

No data

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Respiratory or skin
sensitisation

Glutaral
Skin: sensitiser
Respiratory: sensitiser

Germ cell mutagenicity

Glutaral
In vitro studies suggest mutagenicity.
In vivo studies – no adverse effects known

Carcinogenicity

Glutaral – no adverse effect known

Reproductive toxicity

Glutaral – no adverse effects known

STOT - repeated exposure

Glutaral – no adverse effects known

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

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

**Persistence and
degradability**

No data on product. Listed components are either readily biodegradable
of partially degradable.

Bioaccumulative potential

No data available

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

Glutaral - Pow: 0.36
Benzaldehyde - Pow: 1.48

Mobility in soil

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues and
product.

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. If
local regulations allow, residues sent to sewer must be diluted, pH neutral
and non-foaming.

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.

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 Goods** 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	S5 (glutaral)
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)	This product contains one or more components that are listed on the Canadian NDSL. All other components are on the Canadian DSL.

SECTION 16. OTHER INFORMATION

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
DNEL	Derived No Effect Level
TSCA	Toxic Substances Control Act
DSL	Domestic Substances List
NDSL	Non-Domestic Substances List
AU OEL	Australian Occupational Exposure Limit

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