

SECTION 1. IDENTIFICATION

Product Name **ZEP MEGA FOAM WHITE 5GL**
Material number 30003615

Recommended use of the chemical and restrictions on use

Recommended use Specialty Cleaner and Remover

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
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 Zep Inc

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.

Skin corrosion Category 1B
Serious eye damage Category 1
Respiratory sensitisation Category 1
Skin sensitisation Category 1

GHS label elements

Hazard pictograms



Signal Word

DANGER

Hazard statements

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

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

Precautionary statements

Prevention

P260 Do not breathe 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, protective clothing, eye protection and face protection.

P284 In case of inadequate ventilation wear respiratory protection.

Response

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P310 Immediately call for medical assistance.

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.

P337 + P313 If eye irritation persists: Get medical advice/attention.

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.

Storage

P405 Store locked up.

Disposal

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

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. 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. 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. Store away from oxidizing agents and alkalis.
Storage temperature	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.

Skin protection

Impervious clothing

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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

	Product
Appearance	Liquid
Colour	Colourless
Odour	Odourless
Odour threshold	N/A
pH	6.5-7.5
Melting point/freezing point	No data
Boiling point	No data
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	1.025 - 1.07 g/cm ³
Water solubility	No data
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	Oxidizing agents, Alkalis. This product contains sodium hydroxide or potassium hydroxide that may corrode some soft metals and may react with tin, zinc, aluminium to form hydrogen gas.
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	Corrosive. Product can cause redness, pain, itching, scaling, occasional blistering, and severe skin burns.
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	Burns to the mouth, throat and stomach. Symptoms include difficulty swallowing, severe gastrointestinal irritation, nausea, vomiting, diarrhoea, severe abdominal pains.
Acute oral toxicity	Acute toxicity estimate : 2,219 mg/kg Method: Calculation method
Acute inhalation toxicity	Acute toxicity estimate : 50.01 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method
Acute dermal toxicity	Acute toxicity estimate : > 5,000 mg/kg
Skin corrosion/irritation	Extremely corrosive and destructive to tissue
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	No data available
Aspiration toxicity	No data available
Components (Ingredients)	
Acute oral toxicity	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
Acute dermal toxicity	LD50 Rabbit: >= 10,000 mg/kg 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 or 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 **Dangerous Goods** by the criteria of the Australian Dangerous Goods Code (ADG Code 7th ed.) for Transport by Road and Rail; Classified as **Dangerous Goods** according to NZS 5433:2012 Transport of Dangerous Goods on Land.

Land transport (ADG)

UN number	1760
Shipping name	Corrosive Liquid N.O.S (Contains Benzenesulfonic acid, C10-16-alkyl derivs)
Class	8
Packing group	III
Hazchem Code	2X

Marine Transport

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

Marine transport (IMDG/IMO)

UN number	1760
Shipping name	Corrosive Liquid N.O.S (Contains Benzenesulfonic acid, C10-16-alkyl derivs)
Class	8
Packing group	III
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.

Air transport (IATA)

UN number	1760
Shipping name	Corrosive Liquid N.O.S (Contains Benzenesulfonic acid, C10-16-alkyl derivs)
Class	8
Packing group	III

SECTION 15. REGULATORY INFORMATION

AICS	All substances listed
Poisons Schedule	S5 (glutaral)
NZ Approval Code	Cleaning Products (Corrosive) Group Standard 2020 The HSNO Approval Number for this Group Standard is HSR002526.
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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