SECTION 1. IDENTIFICATION

Product Name	**MEGA FOAM YELLOW 2x2.5 GAL**
Material number	**14470-YD1**

Recommended use of the chemical and restrictions on use

Recommended use	Vehicle Maintenance
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
Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	>= 3 - < 5
Sodium xylene sulphonate	1300-72-7	>= 3 - < 5
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.
Get medical attention if irritation develops and persists.

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 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.

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. Store away from reducing agents and alkalis. Store and keep away from bleach.
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/m3)	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	Dark orange
Odour	Aromatic
Odour threshold	No data available
pH	2 - 3
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	Alkalis Bases Bleach
Hazardous decomposition products	Decomposition products may include the following materials: carbon oxides sulfur oxides metal 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 : 2,071 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	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
Acute dermal toxicity	Sulfuric acid, mono-C10-16-alkyl esters, sodium salts LD50 Rabbit: >= 10,000 mg/kg Glutaral LD50 Rat > 2000 mg/kg
Skin corrosion/irritation	No data
Serious eye damage/eye irritation	No data

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**

Version:	3.0
Revision Date:	23 Apr 2021
Print Date:	27 April 2021

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. Users should make their own investigations to determine the suitability and applicability of the information for their particular purposes. This SDS has been prepared by the Compliance Services organisation supporting this manufacturer, supplier or distributor.