VELOCITY
VEHICLE CARE

Version 2.0

Safety Data Sheet

BCL AHS PARADISE FOAM SOAP 4x1 GL

Revised 28 Jun 2021

Section 1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Name	**BCL AHS PARADISE FOAM SOAP 4x1GL**
Material number	**V30624**

Recommended use of the chemical and restrictions on use

Recommended use	Transportation Wash
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.

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) 7th ed.

Flammable liquids	Category 4
Skin corrosion	Category 1B
Eye damage	Category 1

GHS label elements

Hazard pictograms

Signal Word **DANGER**

Hazard statements

H227 Combustible liquid

H314 Causes severe skin burns and eye damage.

Precautionary statements

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves, protective clothing eye protection and face protection.

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

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

P363 Wash contaminated clothing before reuse.

P304 + P340 + P310 **IF INHALED**: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor or medical centre.

P305 + P351 + P338 **IF IN EYES**: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage

P403 + P405 Store locked up in a well-ventilated place.

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 [%]
dodecylbenzenesulphonic acid, compound with 2-aminoethanol (1:1)	26836-07-7	≥ 20 - < 30
Benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	≥ 10 - < 20
sodium xylenesulphonate	1300-72-7	≥ 5 - < 10
propane-1,2-diol	57-55-6	≥ 5 - < 10
(2-methoxymethylethoxy)propanol (Mixture of isomers)	34590-94-8	≥ 5 - < 10

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. Symptoms of exposure may appear several hours later. Do not leave the victim unattended.

If inhaled

Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur. If unconscious, place in recovery position and seek medical advice.

In case of skin contact

Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.
Wash off immediately with plenty of water for at least 15 minutes.
Remove contaminated clothing and shoes. Wash contaminated clothing before re-use.

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

Keep respiratory tract clear.
DO NOT induce vomiting unless directed to do so by a physician or poison control centre.
Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Take victim immediately to hospital
.

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 blistering, irritation, burns, and pain. Effects are dependent on exposure (dose, concentration, contact time).
Causes severe skin burns and eye damage. Review section 2 of SDS to see all potential hazards.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards during firefighting	Do not allow run-off from firefighting to enter drains or water courses. This product is combustible and can intensify or help spread a fire.
Hazardous combustion products	Decomposition products may include the following materials: Carbon dioxide (CO2) Carbon monoxide Smoke Nitrogen oxides (NOx) Sulfur oxides
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. Use a water spray to cool fully closed containers. 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. For safety reasons in case of fire, cans should be stored separately in closed containments.

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. Use only non-sparking tools. 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 exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Do not breathe vapours or spray mist. Provide sufficient air exchange and/or exhaust in work rooms. To avoid spills during handling keep bottle on a metal tray. Dispose of rinse water in accordance with local and national regulations.
Conditions for safe storage	Do not store near strong alkalis. Combustible material: store away from naked flames, heat sources and ignition points. Keep out of reach of children. Keep container tightly closed in a well-ventilated place. Store in suitable labelled containers. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
propane-1,2-diol	57-55-6	TWA	150 ppm / 474 mg/m^3	SWA/NZ WES
(2- Methoxy methylethoxy) propanol (Mixture of isomers)	34590-94-8	TWA	100 ppm 606 mg/m^3	NZ WES
		STEL	150 ppm 909 mg/m^3	NZ WES
		TWA	50 ppm 308 mg/m^3	SWA

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. If working in a poorly ventilated area and exposure limits may be exceeded, wear a respirator with ABEK-P2 cartridge.
Hand protection	Wear chemical resistant gloves e.g. nitrile, neoprene, butyl natural rubber.
Eye protection	Safety glasses with side-shields, face shield.
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

Appearance	liquid
Colour	amber, tan
Odour	coconut/lime
Odour Threshold	No data available
pH	1
Melting point/freezing point	No data available
Boiling point	No data available
Flash point	79.44°C
Evaporation rate	No data available
Upper explosion limit	No data available
Lower explosion limit	No data available
Vapour pressure	No data available
Relative vapour density	No data available
Density	1.054 g/cm3 (40 °C)
Water solubility	No data available
Solubility in other solvents	Not determined
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	Not determined
Thermal decomposition	No data available
Viscosity, kinematic	53 mm2/s (40 °C)

SECTION 10. STABILITY AND REACTIVITY

Reactivity	Stable
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Violent spattering may occur in contact with strong alkalis. When diluting product, always add the product to water to avoid generating excessive heat and violent spattering.
Conditions to avoid	Temperature extremes, sparks, flames, ignition sources
Incompatible materials	Strong alkalis
Hazardous decomposition products	Combustion decomposition products include: Carbon oxides Sulfur oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Information on possible routes of exposure	Possible workplace exposure routes are: Skin, inhalation, eyes
Symptoms of overexposure	Effects are immediate and delayed. Symptoms may include blistering, irritation, burns, and pain. Effects are dependent on exposure (dose, concentration, contact time).
Acute symptoms related to exposure	
Eye	Risk of serious eye damage. This product can produce chemical burns to the eye following direct contact. Symptoms include pain, burning, redness, stinging, swelling, cloudiness and blurred vision.
Skin	This product can produce severe chemical burns following direct contact with the skin. Effects include burning sensation, blistering, pain, redness, swelling and rash.
Inhalation	This product may cause irritation of the respiratory tract, with temporary burning sensation in the nose, coughing, choking and difficulty breathing. There may be dizziness, headache, nausea and weakness.
Ingestion	This product can produce chemical burns within the oral cavity and gastrointestinal tract following ingestion. Effects include vomiting, diarrhoea and bloating.
Acute oral toxicity	Acute toxicity estimate: 3,809 mg/kg Method: Calculation method
Acute inhalation toxicity	no data available
Acute dermal toxicity	no data available
Skin corrosion/irritation	Causes severe burns. Extremely corrosive and destructive to tissue.
Serious eye damage/eye irritation	Causes severe eye damage. 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	Benzenesulfonic acid, C10-16-alkyl derivs LD50 rat: >300 - < 2000 mg/kg
Acute inhalation toxicity	no data available
Acute dermal toxicity	Benzenesulfonic acid, C10-16-alkyl derivs LD50 rat: >200 - < 1000 mg/kg
Skin corrosion/irritation	no data available

Serious eye damage/eye irritation	no data available
Respiratory or skin sensitisation	no data available
Germ cell mutagenicity	no data available
Carcinogenicity	no data available
Reproductive toxicity	no data available
STOT - repeated exposure	no data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	No data available
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	No data available
Persistence and degradability	No data on product. The major organic components are biodegradable.
Bioaccumulative potential	No data available
Partition coefficient: n-octanol/water	propane-1,2-diol: log Pow: -1.07 (2-methoxymethylethoxy)propanol (Mixture of isomers) : Log Pow: 0.0043
Mobility in soil	No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues	Do not dispose of waste into sewer unless allowed following treatment under a local trade waste agreement. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations.
Contaminated packaging	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum. Container must remain labelled until all residues have been completely removed.

SECTION 14. TRANSPORT INFORMATION

Road and Rail Transport
Classified as Dangerous Goods/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.

UN No.	3265
Proper shipping name	Corrosive liquid, acidic, organic,N.O.S. (Contains alkyl benzene sulfonic acid)
Class	8
Packing Group	II
HAZCHEM	2X

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

UN No.	3265
Proper shipping name	Corrosive liquid, acidic, organic,N.O.S. (Contains alkyl benzene sulfonic acid)
Class	8
Packing Group	II
Marine Pollutant	No
EMS/Spill	F-A, S-B

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

UN No.	3265
Proper shipping name	Corrosive liquid, acidic, organic,N.O.S. (Contains alkyl benzene sulfonic acid)
Class	8
Packing Group	II

SECTION 15. REGULATORY INFORMATION

AICS	All substances listed
Poisons Schedule	Not scheduled
NZ Approval code	Cleaning Products (Corrosive) Group Standard 2020 (HSR002526)
United States TSCA Inventory	On TSCA Inventory
Canadian Domestic Substances List (DSL)	This product contains components on the Canadian DSL.

SECTION 16. OTHER INFORMATION

Acronyms

AICS	**Australian Inventory of Chemical Substances**
SWA	**Safe Work Australia**
NZ	**New Zealand**
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**

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