

DSI-LVF Penetrant / Cleaner Liquid Valve Flush Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Identification of the substance or mixture

Product Name: DSI-LVF
Product Use: Liquid Valve Flush
Supplier: ACC Corporate
4 Roy Street, Welshpool
Perth, Western Australia, 6106
Emergency Telephone Number: +61 (08) 9470 5070
Refer to code LVF

Email Address: admin@acc-corporate.com

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture Warning

GHS Label elements

Signal word Danger
Pictogram



Precautionary statements

Hazard Category

Acute toxicity (inhalation) - category 4
Acute toxicity (ingestion) - category 4
Acute toxicity (dermal) - category 4
Eye irritation – category 2A
Specific target organ toxicity (single exposure) – category 3

Hazard Statement

H332 (Harmful if inhaled)
H302 (Harmful if swallowed)
H312 (Harmful in contact with skin)
H319 (Causes serious eye irritation)
H335 (May cause respiratory irritation)

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3. COMPOSITION/INFORMATION ON INGREDIENTS

All products are formulated to be non-hazardous to health and environment, wherever possible. All hazardous sub-stances as defined by the NOHSC Code 1008 are listed by CAS No. Other major ingredients that are determined to be non-hazardous are listed without a CAS No.

Chemical Name	CAS Number	Content
Ethylene Glycol monobutyl	11-76-2	>60%
Proprietary Non-Hazardous Ingredients		>10%

4. FIRST AID MEASURES

Swallowed:	If poisoning occurs, contact a doctor or Poisons Information Centre Phone 13 1126. Do NOT induce vomiting.
Eye:	Hold eyelids open and immediately flush with water continuously for 15 minutes. Seek medical attention.
Skin:	Remove contaminated clothing and wash before use. Flush affected area with plenty of soapy water.
Inhaled:	Remove from contaminated area. Apply artificial respiration if not breathing.
First Aid Facilities:	Eyewash. Deluge shower

Most important symptoms and effects, both acute and delayed

See Section 11 for more detailed information on health effects and symptoms.

Immediate medical attention and special treatment needed Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable media:	Use foam, carbon dioxide or dry chemical fire extinguisher.
Combustion products:	Combustion decomposition products of carbon dioxide and carbon monoxide may be evolved. Keep containers cool by spraying with water to prevent rupture.
Special protective equipment for fire-fighters:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear appropriate personal protection equipment (See section 8).
Spills and Disposal:	Shut off all possible sources of ignition. Remove any naked lights and strong heat sources. DO NOT SMOKE. Absorb with sand or other absorbent material. For large spills notify Emergency Services.

7. HANDLING AND STORAGE

Handling:	Wear appropriate personal protection equipment (See section 8). Do not eat, drink, or smoke when using. Wash thoroughly after handling. Follow good hygiene and housekeeping practices
Storage:	Store in a cool, dry, well-ventilated area. Keep containers tightly sealed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	None determined
Engineering controls:	Extra ventilation may be required
Personal Protection:	Always wash hands before smoking, eating, drinking, or using the toilet. Use of barrier cream is recommended. Avoid contact with the skin and breathing in vapours or mist. Follow normal industrial personal protection practises. The use of additional protective clothing depends on the degree and nature of exposure. The following personal protective clothing should be readily available: <ul style="list-style-type: none">1) Splash proof chemical safety goggles or face shield2) Neoprene or nitrile rubber gloves3) Chemical resistant rubber boots4) PVC or leather apron and sleeves or PVC overalls.
Respiratory protection:	Where the concentration of vapour or mist approaches the exposure limit, use filter respirator.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Purple or Red Liquid
Odour	Distinguishable
Boiling Point:	171-230°C
Vapour Pressure:	Not determined
Specific Gravity:	0.92
Flashpoint:	78°C
Flammability Limits:	Not determined
Solubility in Water:	Miscible
Corrosiveness:	Non-corrosive
pH (1% solution):	Neutral

10. STABILITY AND REACTIVITY

Reactivity and Chemical stability	stable
Possibility of hazardous reactions	no data available
Conditions to avoid	no data available
Incompatible materials	avoid contact with strong oxidizers
Hazardous decomposition products	none

11. TOXICOLOGICAL INFORMATION

SWALLOWED:	May result in nausea, vomiting, headaches, dizziness, gastrointestinal irritation, and central nervous system depression.
EYE:	Vapour and liquid are mild to moderate irritants. Permanent damage is unlikely.
SKIN:	May be slightly irritating to the skin. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis. The liquid can be absorbed through the skin.
INHALED:	High concentrations of vapour, which are unlikely to occur can lead to irritation of the mucous membranes and respiratory tract, headaches, dizziness and possible nausea.
CHRONIC:	Evidence from animal tests indicates that repeated or prolonged exposure to high concentrations of this chemical could result in adverse effects on the liver and kidney.

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12. ECOLOGICAL INFORMATION

Not hazardous to the environment

13. DISPOSAL CONSIDERATIONS

Waste disposal:

Generation of waste should be avoided or minimized where possible. Empty containers may contain residue. Dispose of non-recyclable materials via licensed waste disposal operator. Follow all applicable regulations. For large spoils notify Emergency Services. Recycle unwanted product or dispose via licensed waste disposal operator.

14. TRANSPORT INFORMATION

Not Classified as Dangerous Goods according to ADG7, IATA-DGR and IMDG codes.

	Land Transport
UN Number:	None allocated
Proper Shipping Name	Ethylene Glycol Monobutyl ether
Transport Hazard Class	None allocated
Packaging Group	None allocated
Environmental Hazards	None allocated
Special Precautions	None allocated
Poisons Schedule:	S5

Classifications	Not Required
Inventory Listings	Not Required

15. Regulatory Information

This product is widely used by industry and is not subject to any special regulatory requirements.

16. OTHER INFORMATION

This MSDS is valid for five years from date of issue but readers should contact the manufacturer to ensure that this is the latest issue. As per the WorkSafe Guidance Note NOHSC 3017

(Health Risk Assessment) each user should review the information in the specific context of the intended application

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Legal Disclaimer

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION

Revision information: Dec 2023 Changes made complete GHS review

For Industrial Use Only

END OF SAFETY DATA SHEET