

# MATERIAL SAFETY DATA SHEET

## Statement of Hazardous Nature

Hazardous according to criteria of Worksafe Australia

## Company Details

Company: **ACC CORPORATE**

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## IDENTIFICATION

Product Name: **ACC LIQUID VALVE FLUSH**

Other Names: Valve Flush

Product Code:	LVF 20
UN Number:	None allocated
Dangerous Goods Class	None allocated
Subsidiary Risk:	None allocated
Hazchem Code:	None allocated
Packing Group	None allocated
EPG	Not determined
Poisons Schedule:	None allocated
Use:	Valve Flush

## Physical Description/Properties

Appearance:	Purple Liquid
Boiling Point:	171-220c
Vapour Pressure:	Not determined
Specific Gravity:	0.92
Flashpoint:	62°C
Flammability Limits:	Not determined
Solubility in Water:	Miscible

## Other Properties

Corrosiveness:	Non-corrosive
pH (1% solution):	Neutral

## Ingredients

All products are formulated to be non-hazardous to health and environment, wherever possible. All hazardous substances as defined by the NOHSC Code 1008 are listed by Cas No. Other ingredients which are determined to be non-hazardous are not listed as they are prop

## Chemical name Cas No. Proportion

Ethylene glycol monobutyl ethanol	111-76-2	>60%
Proprietary Non-Hazardous Ingredients		>10%
Trichloroethylene	79-01-6	<10%



# HEALTH HAZARD INFORMATION

## Health Effects

### ACUTE:

**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.

## First Aid

**Swallowed:** If poisoning occurs contact a doctor or Poisons Information Centre. Do **NOT** induce vomiting. Give plenty of water and seek medical attention. Avoid giving milk, oils or alcohol.

**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

**Advice to Doctor:** Treat symptomatically, similar to mixture of kerosene & trichloroethylene.

## PRECAUTIONS FOR USE

**Exposure Standards:** Exposure limits for trichloroethylene are  
TWA:50ppm (270mg/m<sup>3</sup>)  
STEL:200ppm (1080mg/m<sup>3</sup>)

**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:

1. Splash proof chemical safety goggles or face shield
2. Neoprene or nitrile rubber gloves
3. Chemical resistant rubber boots
4. PVC or leather apron and sleeves or PVC overalls.

Details on the use and selection of respiratory protection can be found in Australian Standard AS 1715. Where the concentration of vapour or mist approaches the exposure limit, the following personal protection equipment is recommended.

1. For short elevated exposure, use filter respirator with correct organic vapour filter.
2. For prolonged elevated exposures, use air supplied respirator or self contained breathing apparatus (SCBA)

**Flammability:** Combustible. Isolate from sources of heat, flame or sparks.

## SAFE HANDLING INFORMATION

**Hazard Category** Xn – Harmful Xi - Irritant

### Risk Phrases

- R2021/22** Harmful by inhalation in contact with skin and if swallowed.
- R37** Irritating to respiratory system
- R40** Possible risks of irreversible effects.
- R52** Harmful to aquatic organisms
- R53** May cause long term adverse effects to the aquatic environment.

### Safety Phrases

- S2** Keep out of the reach of children.
- S23** Do not breathe vapour
- S24/25** Avoid contact with skin and eyes
- S36/37** Wear suitable protective clothing and gloves
- S61** May cause harm to the unborn child.

**Storage and Transport:** Store in a cool, well-ventilated area away from any foodstuffs, oxidising agents and ignition sources.

**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.

**Fire/Explosion Hazard:** Combustion decomposition products of carbon dioxide and carbon monoxide may be evolved. Use breathing apparatus. Keep containers cool by spraying with water to prevent rupture. Use foam, carbon dioxide or dry chemical fire extinguisher.

## 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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