



Trimfix Supplies: Unit 5/200 Hamilton Road New Gisborne VIC.
M.S.D.S INFORMATION – Telephone: 03 5428 3988

Postal: PO Box 98 Gisborne VIC 3437
Facsimile: 03 5428 4988

MATERIAL SAFETY DATA SHEET

PRODUCT: VINYL CLEANER CONCENTRATE **ISSUED:** 01/06/2016
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SECTION 1: IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION

Product Name: VINYL CLEANER CONCENTRATE **Code:** VCC*
Other Names: Caustic Alkali Liquid, N.O.S.
Product Use: Caustic Based Solvent Cleaner
Supplier: Trimfix Supplies (A.B.N 90 053 151 397)
Address: Unit 5/200 Hamilton Road, New Gisborne, VIC, 3438
Phone: 03 5428 3988 **Facsimile:** 03 5428 4988

Emergency Telephone Number:
Poisons Information Centre 131 126 (24 hours a day)

SECTION 2: HAZARD IDENTIFICATION

Classified as hazardous by the criteria of NOHSC Australia.

Classified as Dangerous Goods (Class 8 – Corrosive) according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Hazard category: C. Corrosive.

Risk Phrases: R35. Causes severe burns.

Safety Phrases: S1/2. Keep locked up and out of reach of children.

S24/25. Avoid contact with skin and eyes.

S26. In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.

S37/39. Wear suitable gloves and eye/face protection.

S45. In case of accident or if you feel unwell, seek medical advice immediately (show label whenever possible).



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<i>Chemical Name</i>	<i>CAS number</i>	<i>Proportion</i>
2-Butoxyethanol	111-76-2	<10%
Sodium Hydroxide	1310-73-2	<10%
Disodium Trioxosilicate	10213-79-3	<10%
Non hazardous component(s)		to 100%



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SECTION 4: FIRST AID MEASURES

- Inhalation:** Remove to fresh air. Apply artificial respiration if not breathing. Seek medical attention.
- Ingestion:** For advice, contact a Poisons Information Centre (Phone e.g. Australia 131 126; New Zealand 0800 764 766) or a Doctor (at once). If swallowed do NOT induce vomiting. Wash out mouth with water then have victim drink copious amounts of water to dilute material in stomach. Quickly transport victim to an emergency facility.
- Eyes:** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek medical attention.
- Skin:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek medical attention. Wash contaminated clothing before re-use.
- First Aid Facilities:** Eye wash station and clear running water.
- Advice to Doctor:** Treat symptomatically as for highly alkaline solution
- Additional Information:** No aggravated medical conditions are known to be caused by exposure to this product.

SECTION 5: FIRE FIGHTING MEASURES

- Extinguishing Media and Requirements:**
Solution does not burn. Use extinguishing media suited to the materials that are burning. E.g. dry chemical, CO₂ or water spray. Do NOT use water jets.
- Fire Fighting Procedures & Precautions:**
Fire fighters must wear full protective clothing including self contained breathing apparatus (S.C.U.B.A.) and chemical splash suit. Ensure that no spillage enters drains or water courses. Determine the need to evacuate or isolate the area according to your local emergency plan. Keep containers cool with water spray.
- Hazardous Decomposition Products:**
Carbon dioxide, carbon monoxide, nitrogen oxides and other toxic gases may be produced in the case of fire or during thermal decomposition. Corrosive alkali vapours may be present.
- Additional Information: Hazchem Code – 2R**
May generate flammable gas if in contact with zinc, tin, magnesium or aluminium.



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SECTION 6: ACCIDENTAL RELEASE MEASURES



Emergency Procedure: SAA/SNZ HB76: Dangerous Goods –
 Initial Emergency Response Guide (Guide 37) - for large volumes.

Spills / Clean Up:

For small volumes (approximately less than 1L) – clean up personnel should wear full protective equipment (refer to SECTION 8). Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material such as sand, vermiculite or other inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water. Clean area by working from the outside of the spill to the centre or from the edge of the room to the centre.

SECTION 7: HANDLING and STORAGE



Precautions for Safe Handling:

Any non-authorized use of this product may result in severe personal injuries including caustic burns, or damage to equipment and severe corrosion. Wear appropriate protective equipment (refer to SECTION 8) when handling undiluted product, to prevent inhalation, skin and eye contact. Ensure a high level of personal hygiene is maintained when using this product. That is, always wash hands before eating, drinking, smoking or using the toilet. Contact CCS Chemicals sales representative for advice when using this product for any application other than that outlined on the label or fact sheet. Do NOT mix with any other chemical.

Conditions for Safe Storage: Store in a cool, dry, well-ventilated area, out of direct sun light and away from incompatible materials (as described in SECTION 10). Store in original tightly sealed labelled containers at all times.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards – Source: National Exposure Standards for Atmospheric Contaminants in the occupational environment [NOHSC: 1003].

<u>Ingredient</u>	<u>CAS No</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
Sodium Hydroxide	1310-73-2	2mg/m ³	2mg/m ³

Biological Limit Values: Not available

Engineering controls: Ensure adequate ventilation to keep airborne concentrations below exposure standards.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION cont.

Personal Protective Equipment (PPE):



Eye/face protection: Safety glasses or chemical resistant goggles should be worn to prevent eye contact.

Skin protection: Use rubber gloves to prevent skin contact. Wear clothing and footwear suitable to prevent skin contact.

Respiratory protection: A respirator is not usually necessary, but if the product is being used in a confined area where mist is a problem, use a respirator suitable for particulates and alkaline gases.

SECTION 9: PHYSICAL – CHEMICAL PROPERTIES

Appearance: Dark Orange Liquid, Mild rancid odour
pH: > 13
Specific Gravity: 1.13 +/- 0.005 @ 20°C
Vapour Pressure: 24 mm Hg @ 20°C
Vapour Density: Not Available
Boiling Point °C: 100°C
Freezing Point: 1°C
Solubility in water: Soluble in water
Flash Point °C: Not Applicable
Flammability Limits: Not Applicable
Auto Ignition °C: Not Applicable

SECTION 10: STABILITY and REACTIVITY

Chemical Stability: Stable under normal ambient storage conditions.

Conditions to avoid: Avoid high temperatures (store below 30°C) and direct sunlight. Protect against physical damage.

Incompatible materials: Incompatible with aluminium, tin, zinc, magnesium, and their alloys. Also incompatible with acid, fertilizers, chlorinating compounds, brominated compounds and nitrated hydrocarbons.

Hazardous decomposition products: May react with aluminium, tin and zinc to produce flammable hydrogen gas. Thermal decomposition may result in the release of toxic and/or irritating fumes.

Hazardous reactions: Reacts exothermically with acids.



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SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE HEALTH EFFECTS

- Swallowed:** Harmful if swallowed. May cause tissue damage to the mouth, throat and stomach. Symptoms include severe abdominal pain, vomiting and diarrhoea.
- Eye:** Pain and reddening will occur. Severe damage may result if not treated immediately.
- Skin:** Will cause severe irritation and chemicals burns on contact with skin, which can result in tissue destruction.
- Inhalation:** Will cause irritation or burns to the respiratory system and mucous membranes. Symptoms may also include headaches and central nervous system depression.

CHRONIC HEALTH EFFECTS

- Swallowed:** May be fatal if swallowed.
- Eye:** Corrosive. Can cause permanent eye damage and blindness.
- Skin:** Repeated or prolonged exposure to this material will result in severe skin irritation leading to tissue destruction.
- Inhalation:** Possibility of moderate to severe respiratory damage.

TOXICITY DATA

- LD50 (Acute Oral Toxicity):** Not available.
- LD50 (Acute Dermal Toxicity):** Not available.
- LC50 (Acute Inhalation Toxicity):** Not available.
- Carcinogenicity:** Not available.

SECTION 12: ECOLOGICAL INFORMATION

- Ecotoxicity:** Not expected to be ecotoxic after dilution or neutralisation.
Can be toxic to sea organisms because of its alkalinity.
- Persistence / Degradability:** Not available.
- Mobility:** Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

- Disposal of Containers:** Rinse empty containers thoroughly with water and place in trash collection.
- Disposal Method:** Dispose of in accordance with Local, State and Federal regulations at an approved waste disposal facility, or through a licensed chemical waste disposal company.
Flush neutralised liquid to sewer with plenty of water. Neutralise with dilute acid.
Beware of heat and splashes caused by water reactions or neutralisation.



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SECTION 14: TRANSPORT INFORMATION

Classified as Dangerous Goods according to the Australian Code for the
Transport of Dangerous Goods by Road and Rail.

UN Number: 1719
Proper Shipping Name: CAUSTIC ALKALI LIQUID, N.O.S.
Class and subsidiary Risk: 8 (Corrosive)
Packaging Group: II
Special Precautions for User: Not applicable.
Hazchem Code: 2R

SECTION 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Schedule 5 – CAUTION

Warning Statements: Corrosive. May produce severe burns. Attacks skin and eyes.

Safety Directions: Wear eye protection when mixing or using. Wear protective gloves when mixing or using.

All ingredients used in this product are listed in the Australian Inventory of Chemical Substances (AICS).

SECTION 16: OTHER INFORMATION

Date Prepared: 01/06/2016
Emergency Contact: Poisons Information Centre 13 11 26
Trimfix Supplies (03) 54283988

Disclaimer

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