



Safety Datasheet

Revision date: 08/02/2021

01 PRODUCT IDENTIFICATION

Trade Name:	Chlordet L
Chemical abstract number:	N/A
Chemical family:	Mixture
NIOSH number:	N/A
UN number:	1814
Synonyms:	Auto Dishwash Detergent
Manufacturers Name:	V-Worx (Pty) Ltd
Address:	Cosmo Business Park, Unit 66, Cosmo City, Johannesburg
Telephone Number	010 446 9891
Fax:	086 687 2549
e-Mail:	info@v-worx.co.za
Website:	www.v-worx.co.za

03 COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous component(s)	CAS NO.	Concentration	EC No	Classification
Sodium Hypochlorite	7681-52-9	1-2		R35
Potassium Hydroxide	1310-58-3	<15		

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04 HAZARD IDENTIFICATION

- Main Hazard: Causes severe burns to skin, eyes and respiratory tract
- Flammability: No
- Chemical Hazard: Yes
- Biological Hazard: No
- Reproductive Hazard: No

- Health Effects:
 - Eyes: May cause irritation, redness and swelling. Can result in burns and blindness
 - Skin: May cause irritation, burns and scarring
 - Ingestion: Nausea, vomiting and possible diarrhea. Burns to the throat and stomach. May be fatal if taken in large amounts
 - Inhalation: May irritate respiratory tract.
 - Carcinogenicity: No
 - Mutagenicity: No
 - Neurotoxicity : No

05 FIRST AID MEASURE

Eyes: Flush with water immediately and seek medical attention.

Skin: Flush with water. Rinse out contaminated clothing. Seek medical advice for irritation.

Ingestion: Drink 2 large glasses of water. Do not induce vomiting. Seek urgent medical attention.

Inhalation: Remove to fresh air.

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06 FIRE FIGHTING MEASURES

Extinguisher Media: Suitable for surround materials

Special hazards : None known

Protective Clothing: Suitable for surround materials

07 ACCIDENTAL RELEASE MEASURES

Personal precautions: See section 8. Avoid direct skin contact.

Environmentally precautions: Neutralize with dilute acetic acid before disposing.

Small Spills: Contain spill and absorb with mop or sand. Collect container for disposal.

Large Spills: Dam up spill. Hold for disposal. Rinse spill areas with clean water after neutralizing with dilute acetic acid.

08 HANDLING AND STORING

Suitable material: Keep in original container away from heat. Occupational exposure limits 2mg/m³ (TLV and PEL)

Engineering Control Measures: Local exhaust ventilation is recommended

Personal Protection:

Respiratory: Not expected to be necessary

Hand: Impervious gloves

Eyes: Goggles or full face shield if splashing probable

Skin: Apron, overalls, boots

Other Precautions: N/A

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CHEMICAL AND PHYSICAL PROPERTIES

Appearance: Light yellow liquid

Odour: Bleach

pH: 13

Boiling Point: N/A

Melting Point: N/A

Flash Point: None

Flammability: No

Auto flammability: No

Explosive Properties: None

Oxidizing Properties: No

Vapour Pressure: N/A

Density: 114¢/ml

Solubility in Water: Complete

Solubility - Solvent: No

Solubility - Coefficient: N/A

Neurotoxicity: No

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STABILITY AND REACTIVITY

Conditions to avoid: Stable under normal conditions. Avoid temperatures above 400C

Incompatible Materials: Acids, flammable liquids and organic halogen compounds

Hazardous decomposition products: None known

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11 TOXICOLOGICAL INFORMATION

Aquatic toxicity: No information found
Skin and eye contact: May information found
Chronic: No
Carcinogenicity: No
Mutagenicity: No
Reproductive hazard: No

12 ECOLOGICAL INFORMATION

Aquatic toxicity - fish: No information found
Aquatic toxicity - daphnia: No information found
Aquatic toxicity — algae: No information found
Biodegradability: Yes
Bio-accumulation: No
Mobility: No
German wmk: N/A

13 DISPOSAL CONSIDERATIONS

Disposal methods: Dispose according to local regulations. This is a hazardous material.
Disposal of packaging: Recycle or dispose at approved sites.



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14 TRANSPORTATION INFORMATION

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17 TRANSPORTATIONS INFORMATION

UN No.: 1814
Substance identity no.: N/A
ADR/RID class: 8
ADR/RID item no.: N/A
ADR/RID hazard identity no.: N/A
IMDG - shipping name: Potassium Hydroxide, Solution
IMDG - class: 8
IMDG - packaging group: I
IMDG - marine pollutant: No
IMDG - EMS no.: N/A
IMDG - MFAG table no.: N/A
IATA - shipping name: Potassium Hydroxide, Solution
IATA - class: 8
IATA - subsidiary risk(s): N/A
ADNR - class: N/A
UK - emergency action class: N/A
Tremcard no.: N/A

18 REGULATORY INFORMATION

EEC hazard classification: N/A
Risk phases R35
Safety phases: \$1/52/5826/S36/S37/S39/S45
National legislation: N/A

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19 OTHER INFORMATION

N/A N/A

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N/A = Not Available