

Material Safety Data Sheet

Section 1. Identification

Product Name: KLORDEX **Product Code:** KLDX | DET10
Recommended Use: Machine Dishwash Powder Detergent °
Manufacturer: True Blue Chemicals
Street Address: 2/1 Endeavour Road **Postal Address:** PO Box 334
Caringbah NSW 2229 Caringbah NSW 1495
Phone No: 02 9540 1911 **Fax No:** 02 9540 1983
Internet: www.truebluechemicals.com.au

Emergency Phone No: 13 11 26 – Poisons Information Centre

Section 2. Hazards Identification

Classified as hazardous according to the Office of Australian Safety & Compensation Council (ASCC) criteria Dangerous Goods Class 8 - Corrosive



Risk Phrases Safety Phrases

R34: Causes burns | S24/25: Avoid contact with skin & eyes | R36/38: Irritating to eyes & skin

Section 3. Composition Information

Ingredient Name CAS No Proportions

Non-hazardous Not applicable to 100%
Sodium Carbonate 497-19-8 10 - 30%

Section 4. First Aid

Eyes (Contact): Hold eyelids apart & 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.

Skin (Contact): Remove contaminated clothing and flush skin and hair with running water.

Inhalation (Breathing): Not volatile at room temperatures.

Ingestion (Swallowing): DO NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone 131 126) or a doctor.

Advice to Doctor: Treat symptomatically for highly alkaline solution.

First Aid Facilities: Ensure an eye bath and a safety shower is available & ready for use.

Additional Information: No aggravated medical conditions are known to be caused by exposure to this product.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Solution does not burn. Use extinguishing media suited to the materials that are burning; eg: dry chemical, CO₂ or water spray.

Hazards from Combustion 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.

Precautions for Fire-fighters & Special Protective Equipment: Fire-fighters must wear full protective clothing including self-contained breathing apparatus & chemical splash suit. Ensure no spillage enters drains or water courses. Remove from the vicinity containers not involved in the fire.

Additional Information: Hazchem Code – 2R: May generate flammable hydrogen gas if in contact with zinc, tin, magnesium or aluminium.

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 clothing.

- Restrict access to the area until completion of clean up.
- 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 & dispose of spilled material according to local regulations.
- Wash away remnants with copious amounts of cold water.
- Clean area by working from the periphery to the centre of the spill or from the edge of the room to the centre.

Section 7. Handling and Storage

Precautions for Safe Handling: Contact True Blue Chemicals sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin.

- Do not use for manual dishwashing.
- Do not mix with hot water manually.
- Any non-intended or non-authorized use of this product may result in severe personal injuries including caustic burns or damage to equipment and severe corrosion.
- Store product in original container.
- Wash hands and face thoroughly after handling product and before work breaks, eating, drinking, smoking and using toilet facilities.

Conditions for Safe Storage: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep container tightly sealed.

Section 8. Exposure Controls and Personal Protection

Exposure Limits: A time weighted average (TWA) concentration for an 8-hour day and 5-day week has not been established by ASCC for any of the major ingredients in this product.

Engineering Measures: Natural ventilation should be adequate under normal use conditions. Avoid generating and inhaling dusts. Keep containers closed when not in use.

Personal Protective Equipment: Eye/Face Protection: Safety glasses or chemical resistant goggles should be worn to prevent eye contact.



Skin Protection: Nitrile rubber gloves should be used to prevent skin contact.

Respiratory Protection: Respirator is not usually necessary unless the product is being used in a confined area. Use a suitable respirator for particulates & alkaline.



Section 9. Physical and Chemical Properties

Appearance: Powder **Colour:** White

Boiling Point: Not applicable **Vapour Pressure:** Not applicable

Specific Gravity: Not applicable **pH:** 11.0 - 13.0

Flashpoint (°C): Not applicable **Solubility:** Soluble in water

Flammability Limits: 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). Protect against physical damage.

Incompatible Materials: None known. Do not mix with other chemicals.

Hazardous Decomposition Products: None known.

Hazardous Reactions: None known.

Section 11. Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms that may arise if the product is mishandled and over exposure occurs are:

Acute Effects

- **Ingestion:** Swallowing in small amounts is unlikely to cause any adverse effects. Larger doses may produce diarrhoea.
- **Eye:** May be an eye irritant.
- **Skin:** Prolonged or repeated skin contact can cause skin irritation and defatting.
- **Inhalation:** Inhalation of vapour and mist can cause headache, nausea, irritation of nose, throat and lungs.

Section 12. Ecological Information

Ecotoxicity: Not expected to be ecotoxic if used as per True Blue Chemicals dilution instructions

Persistence & Degradability: Not known

Section 13. Disposal Considerations

Disposal Method: Refer to State/Territory Land Waste Management Authority. Normally suitable for disposal at approved land waste site.

Section 14. Transport Information

Road and Rail Transport: Classified as a Dangerous Good by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

UN Number 1759

UN Proper Shipping Name CORROSIVE SOLID N.O.S.

Class & Subsidiary Risk 8 - Corrosive

Packing Group II

Special User Precautions not applicable

Hazchem Code 2x

Section 15. Regulatory Information

Poisons Schedule (SUSDP): schedule 5 - POISON

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS)

Section 16. Other Information

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