Safety Data Sheet

Product Name: CHLORINATED DETERGENT
Issue Date: FEBRUARY 17, 2026

1. IDENTIFICATION

Product	**Chlorinated Detergent**
Other Names	N/A
Company Name	**Allied Chemicals(Aust)Pty Ltd**
Address	Factory 9/17 Lydia Court Epping Vic 3076
Telephone	**1300 349 651**
Email	goranangel73@gmail.com
Emergency Contact	Poison Centre 13 11 26

2. HAZARD IDENTIFICATION

Hazardous according to criteria of Work safe Australia.

R31	Contact with acids liberates toxic gas.
R37/38	Irritating to respiratory system and skin.
R41	Risk of serious damage to eyes.
S2	Keep out of the reach of children.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39	Wear suitable gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately show the label whenever possible.
S50	Do not mix with acids.

Chlorinated Detergent becomes non-hazardous at concentrations below 19%.

COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS	Content
SODIUM HYPOCHLORITE	7681-52-9	0 - 10%
SODIUM CHLORIDE		0 - 10%
SODIUM HYDROXIDE	1310-73-2	0 - 10%
SURFACTANTS NON-HAZARDOUS	N/A	10 - 30%
WATER	N/A	TO - 100%

3. FIRST-AID MEASURES

Eye If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poison Information Centre or a doctor, or for at least 15 minutes.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.

Swallowed If poisoning occurs, contact doctor or Poison Information Centre (131126). If swallowed Do NOT induce vomiting. Give a glass of water, Rinse mouth with water. Never give by mouth to an unconscious person

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing

Advice to Doctor Treat symptomatically as for strong alkaline material.

4. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard:
Chlorinated Detergent does not burn. Fire or strong heat will produce irritating, poisonous or corrosive gases. Containers may explode when heated. Some may ignite combustibles (wood, paper, clothing, etc.) Contact with metals may produce flammable hydrogen gas.

Fire Extinguishing media:
Small fire: Use dry chemical, CO2 or water spray.
Large fire: Use water spray, fog or foam. Do NOT use water jets. If safe to do so, move undamaged containers from the fire area. Cool containers with flooding quantities of water until well after the fire is out. Avoid getting water inside the containers.

Fire Fighter's PPE:
Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight suits should be worn for maximum protection. Structural firefighter's uniform is NOT effective for this material.

Hazardous Reactions: Reacts vigorously with acids producing dangerous levels of gaseous chlorine. May yield toxic fumes if involved in a fire.

5. ACCIDENTAL RELEASE MEASURES

Clean up all spills immediately.
Eliminate all ignition sources (no smoking or flames) within at least 50m.
Avoid contact with skin and eyes.
Do not touch or walk through this product.
Stop leak if safe to do so.
Prevent entry into waterways, drains or confined areas.
Cover with DRY earth, sand or other non-combustible absorbent followed by plastic sheet to minimize spreading or contact with rain.
Do not let water run into containers.

6. HANDLING AND STORAGE

Storage and Transport:
Store in a cool, dry place that is well ventilated and away from foodstuff containers.
Direct sunlight should be avoided.

Stability:
Stable. However, heat, light, contamination with acids or contact with metal surfaces may promote the formation of toxic chlorine gas.

Incompatibility
Materials to avoid for purposes of transport, handling and storage only): Avoid storage with acids, oxidising agents, reducing agents, metals and metallic salts.
Incompatible with amines, ammonium salts, aziridine, methanol and phenyl acetonitrile.
Class 8

7. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards: None assigned for mixture.

Atmospheric Contaminant Exposure Standard for:
Chlorine: CAS No: 7782-50-5 TWA = 1 ppm (3 mg/cu.m)
STEL = Peak limitation same as TWA.
Sodium hydroxide: CAS No: 1310-73-2 TWA = 2 mg/cu.m
[Source: Work safe Australia NOHSC: 1003 (1995)]

Engineering Controls:
Mechanical ventilation: not required under normal conditions, but local exhaust ventilation should be used to control any air contaminants to within the Exposure Standards.

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Personal Protection:

Gloves	-	Wear rubber, neoprene or nitrile gloves.
Note	-	Resistance of glove materials can vary. Evaluate resistance under conditions of use and maintain PPE carefully.
Eye protection	–	Safety glasses should be worn.
Respiratory	–	If inhalation risk exists, a suitable cartridge type Respirator should be worn.
Other	–	Protective overalls are desirable. An eyewash unit should be available.

8. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	ColourlessThick Liquid	**Odour**	Faint chlorine
Solubility (water)	Soluble	**pH**	12.5
Specific Gravity	1.10	**Flammability**	Not applicable
Vapour Pressure	Not applicable	**Vapour Density**	Not applicable
Boiling Point	Not applicable	**Melting Point**	Not applicable
Volatile	70-85%		

9. STABILITY AND REACTIVITY

Chlorinated Detergent is corrosive to aluminum, zinc and tin.
It reacts with metal salts, peroxides and reducing agents.
Do not mix with ammonia, hydrocarbons, acids, alcohols or ethers.
No risk of hazardous polymerization.

10. TOXICOLOGICAL INFORMATION

Injurious Conditions of Exposure
ACUTE

Swallowed: Irritating to the gastro-intestinal tract if swallowed. May cause nausea, vomiting, headache, corrosion of mucous membranes, esophagal or gastric perforation and laryngeal edema.

Eye: Eye contact may result in burns that could produce permanent damage.

Skin: Principal route of exposure is usually by skin contact. Repeated or prolonged skin contact may cause swelling, redness, blistering or dermatitis. Chlorinated Sanitiser N Cleaner acts as a skin sanitiser and may burn sensitive skin. It is not absorbed through the skin.

Inhaled: Overexposure to inhalation can result in coughing and respiratory difficulty.
The vapour if concentrated may irritate the lungs. If reaction occurs to liberate chlorine (such as accidental add mixture with acids), self-contained or air supplied breathing apparatus will be required.

Health Effects *Chronic:* Repeated or prolonged skin contact may cause chronic dermatitis.

11. ECOLOGICAL INFORMATION

Ecotoxicity	No data is available for this material.
Persistence and Biodegradability	No data is available for this material.
Mobility	No data is available for this material.

12. DISPOSAL CONSIDERATIONS

Disposal Methods	Waste disposal methods in accordance with local, state and Federal regulations

13. TRANSPORT INFORMATION

UN No.: 1719 Class: 8 Package Group: II Hazchem: 2R

14. REGULATORY INFORMATION

Poisons Schedule Number: Schedule 5.

15. OTHER INFORMATION

This SDS is only safety-related information
The information contained within this safety data sheet is accurate to the best of our knowledge. The instructions, recommendations and/or suggestions are made without guarantee. Allied Chemicals pty Ltd does not assume any liability whatsoever for the accuracy or completeness of the information presented. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. No liability can be accepted with regard to the handling, processing or use of the product concerned which, in all cases, shall be in accordance with appropriate regulations and / or legislation.

END OF SDS