

SAFETY DATA SHEET



PRODUCT X DETERGENT

SAFETY DATA SHEET - SDS VERSION 1.0, 8TH SEPTEMBER 2020.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: Product X Detergent
OTHER NAMES:
RECOMMENDED USE: Outdoor surface cleaner and protectant
SUPPLIER NAME: BioChem Solutions Ltd
ADDRESS: 2/28 Maich Road, Manurewa
Phone: +64 27 5888 437
Emergency Telephone: International: +643 479 7227
New Zealand: 0800 764 766 (NZ NATIONAL POISON CENTRE)

2. HAZARD IDENTIFICATION

HAZARD CLASSIFICATION: **HAZARDOUS** according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

Hazard statement: **WARNING**

HSNO classes: **6.1E, 6.4A, 6.5B, 9.1C**

HAZARD CATEGORY (GHS):

- Acute toxicity: Oral Category 5
- Acute toxicity: Skin Category 5
- Acute toxicity: Inhalation Category 5
- Skin corrosion/irritation Category 2
- Serious eye damage/eye irritation Category 2A
- Aquatic toxicity Category 3



Hazard statement code:

- H303 May be harmful if swallowed.
- H313 May be harmful in contact with skin.
- H319 Causes serious eye irritation.
- H333 May be harmful if inhaled.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H412 Harmful to aquatic life with long lasting effects.

Prevention statement:

- P102 Keep out of reach of children.
- P101 Keep packaging on hand if medical advice required.
- P103 Read label before use.
- P261 Avoid breathing vapours/spray.
- P264 Wash hands thoroughly after handling.
- P362 Take off contaminated clothing and wash before re-use.
- P272 Contaminated work clothes should not leave of the workplace.
- P280 Wear PPE gloves/clothing etc.
- P273 Avoid release to the environment.

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Response statement codes:

- P301 + P312 IF SWALLOWED: Call POISON CENTER/doctor if you feel ill. P330 Rinse mouth.
- P304 + P340 IF INHALED: Breathe fresh air. Rest in a comfortable position. Call POISON CENTER or doctor if you feel ill.
- P303 + P361 + P353 IF ON SKIN (or hair): Rinse skin with water/shower.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337 + P313 If any irritation persists: Get medical advice/attention.
- P363 Wash contaminated clothing before reuse.

Storage statement codes: NONE

Disposal statement codes: P501 Dispose of product and packaging in accordance with local regulations.

The information contained in this SDS is specific to the product when handled and used neat. This product when diluted/mixed may not require the same control measures as the neat product. Check with your technical representative if in doubt.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The ingredients below are considered either hazardous, dangerous goods or poison scheduled according to the criteria of SWA, AUG Code and SUSDP (respectively) at the levels used in the product.

INGREDIENT	CAS No.	PROPORTION (%)
Didecyl dimethyl ammonium chloride	7173-51-5	<1%

4. FIRST AID MEASURES

Ingestion: Rinse mouth out with water. Do NOT induce vomiting.

Eye contact: Flush with water for several minutes. Remove contact lenses. Rinse for another 15 minutes.

Skin contact: Wash hands thoroughly after handling.

Inhalation: Remove from source of exposure to fresh air.

5. FIRE FIGHTING METHODS

General measures: Clear fire area of all non-emergency personnel. Stay upwind. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.

Extinguishing Media: Carbon dioxide, dry chemical, foam.

Flammability conditions: This product is neither flammable nor combustible.

Fire Fighting Instructions: Do NOT let fire fighting water reach waterways, drains or sewers, but store it for treatment.

Hazardous Products of Combustion: Packaging material may burn to emit noxious fumes.

PPE: Wear standard protective firefighting clothing (Helmet, coat, pants, boots, gloves, mask)

Hazchem code: NONE

6. ACCIDENTAL RELEASE MEASURES

General procedure: Clear fire area of all non-emergency personnel. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk. Avoid walking through spilled product, as it may be slip hazard.

Clean up procedures: Flush small spills with plenty of water. For large spills, soak up spilled product using absorbent non-combustible material such as sand or soil. When saturated collect material, transfer to suitable, labelled, dry chemical-waste containers and dispose of promptly as hazardous waste. Wash area down with excess water.

Containment: Stop leak if safe to do so.

Environmental precautions: Do not allow fire fighting water to reach waterways, drains or sewers, but store it for treatment.

Evacuation criteria: Evacuate all unnecessary personnel.

Personal precautions: Fire fighters should wear self-contained breathing apparatus and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves) or chemical splash suit.

7. HANDLING AND STORAGE

Handling: Ensure an eye bath and safety shower are available and ready for use. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Avoid contact with eyes.

Storage: Store in cool, dry area away from heat or ignition sources. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.

Container: Store in original packaging as approved by manufacturer.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standard: No information available.

Exposure limits: No information available.

Biological limits: No information available.

Engineering measures: Keep an eye-bath on hand.

PPE: EYES: Splash-proof goggles. HANDS: Elbow length nitrile or neoprene gloves.

Work hygienic practices: No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Clear, light blue, liquid.

ODOUR: None.

pH: Neutral

SPECIFIC GRAVITY: No information available.

BOILING POINT: No information available.

FLASH POINT: No information available.

EXPLOSION LIMITS: No information available.

EVAPORATION RATE: No information available.

FLAMMABILITY: Not flammable.

VAPOUR PRESSURE: No information available.

VAPOUR DENSITY: No information available.

DENSITY: No information available.

RELATIVE DENSITY: No information available.

AUTO IGNITION TEMPERATURE: No information available.

SOLUBILITY IN WATER: Complete

SHELF LIFE: 2 years from date of manufacture (when stored as directed).

10. STABILITY AND REACTIVITY

General Information: No information available.

Chemical stability: Product is stable under normal conditions of use, storage and temperature.

Conditions to avoid: Avoid flames and high energy ignition sources.

Materials to avoid: None known.

Hazardous decomposition: Packaging may evolve toxic gases when burning.

Hazardous polymerisation: Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

General information: Low toxicity – irritant.

LD₅₀ (Ingestion): 23800 mg/kg

Eye irritant: May cause mild, transient irritation. Wash off with water.

Skin irritant: May cause mild, transient irritation and/or allergic reaction. Wash off with water.

Ingestion: Ingestion may result in mild gastrointestinal irritation, nausea, vomiting, abdominal pain, diarrhoea, headache, dizziness and drowsiness with large doses.

Inhalation: May cause mild, transient irritation.

12. ECOLOGICAL INFORMATION

Fish LC₅₀: No information available.

Invertebrate EC₅₀: No information available.

Persistence/Degradability: No information available.

Mobility: No information available.

Environmental Fate: Do NOT allow product to reach waterways drains and sewers.

Bioaccumulation Potential: No information available.

Environmental Impact: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.

Landfills: Contact a specialist disposal company or the local waste regulator for advice.

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14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT: NOT Classified as DANGEROUS GOODS by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

MARINE TRANSPORT: NOT Classified as DANGEROUS GOODS by the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT: Not Classified as DANGEROUS GOODS by International Air Transport Association (IATA) for transport by air.

15. REGULATORY INFORMATION

Country/ Region: New Zealand

Status: Classified Hazardous according to: Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

POISONS SCHEDULE (AUS): Not scheduled.

APVMA/AQIS/TGA status: Not relevant.

Hazard classifications: **6.1E, 6.4A, 6.5B, 9.1C**

Group Standard: Cleaning Products (Subsidiary Hazard) Group Standard 2017 - HSR002530.

16. OTHER INFORMATION

SDS ISSUE NUMBER: 001

SDS ISSUE DATE: 8/09/2020

REASON(S) FOR ISSUE: New product.

THIS ISSUE NUMBER REPLACES ALL PREVIOUS ISSUES

In any event, the review and, if necessary, the re-issue of a SDS shall be no longer than 5 years after the last date of issue.

LEGEND:

AICS	Australian Inventory of Chemical Substances
APVMA	Australian Pesticides and Veterinary Medicines Authority
AQIS	Australian Quarantine and Inspection Service
AS	Australian Standard (as issued by Standards Australia)
SDS	Safety Data Sheet
NOHSC	National Occupational Health and Safety Commission
STEL	Short Term Exposure Limit. A 15-min TWA exposure, not to be exceeded at any time during a working day, even if the 8-hour TWA average is within the TWA exposure standard. Exposures at the STEL should not exceed 15-min and should not be repeated more than 4 times per day. There should be at least 60-min between successive exposures at the STEL.
TGA	Therapeutic Goods Administration
TLV	Threshold Limit Value. TLV is a proprietary name registered by the American Conference of Governmental Industrial Hygienists (ACGIH) and refers to airborne concentrations of substances or levels of physical agents to which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect.
TWA	Time Weighted Average. The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week.

This SDS has been prepared from current technical data and summarises at the date of issue our best knowledge of the health and safety information of the product and in particular how to safely handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request. This SDS may only be reproduced in full. Summaries or excerpts from this SDS may not contain all the relevant information and thus are not permitted.

End of SDS