

SAFETY DATA SHEET

The information contained in this Safety Data Sheet is provided in good faith and is believed to be correct as at the date hereof. However, it is expected that individuals receiving the information will exercise their independent judgement in determining its appropriateness for a particular purpose. The Proprietor makes no representation as to the accuracy or comprehensiveness of the information. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of the use of the product are therefore assumed by the user and we expressly disclaim all warranties of any kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Appropriate warnings and safe handling procedures should be provided to handlers and users.

1. PRODUCT AND COMPANY IDENTIFICATION

X-CLEAN SURE+THING+

Cosmos and Damian Limited 3

1 Waitete Road, Te Kuiti, New Zealand Mailing Address: P.O.BOX 6013, Ulrich, Hamilton 3206 Phone: 0800 366 292 E-mail: info@xclean.co.nz Website: www.xclean.co.nz

EMERGENCY CONTACT: Phone 0800 366 292, Mon to Fri - 8am to 5pm

After Hours: National Poisons & Hazardous Chemical Information Centre: 0800 764 766 (0800 POISON)

2. HAZARD IDENTIFICATION

Signal Word: Danger

This material is hazardous according to the EPA Minimum Degrees of Hazards and classification Notices

2017 Approved under Cleaning Products Corrosive Group Standard HSR No:002526

HSNO Hazard Classification & Hazard Statements

6.1D Harmful if swallowed

8.2B Causes severe skin burns and eye damage

8.3A Causes serious eye damage

9.1B Toxic to aquatic life with long lasting effects

Precautionary Statements

Do not eat, drink or smoke when using this product. Keep out of reach of children. Do not breathe mist/vapour/spray

Read label before use. Avoid release to the environment. Wash hands thoroughly after handling.

3. COMPOSITION & INFORMATION ON INGREDIENTS

Water >60%

Sequestering Agent < 10%

Didecyl Dimethyl Ammonium Chloride < 10%

Benzalkonium Chloride 10-30%

Dye <1%

4. FIRST AID MEASURES

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

..... Continue rinsing. If eye irritation persists: Get medical advice.

IF ON SKIN: Wash affected area with copious volumes of water. If clothing is contaminated, remove and wash the affected skin area. If irritation or swelling occurs, seek medical advice.

IF INHALED: A non-volatile compound in normal use. But if subject to vapourisation remove the patient from exposure to a restful location and seek medical advice if symptoms persist. If clothing is contaminated, remove and wash before reuse.

IF SWALLOWED: Do NOT induce vomiting. Administer 2 glasses of water and if discomfort persists seek medical service.

MEDICAL ASSISTANCE: If discomfort persists, call your nearest Medical Centre or the NZ National Poisons Centre 0800 764 766 for advice. Have this label or Safety Data Sheet on hand.

5. FIRE FIGHTING MEASURES

This product is neither flammable nor combustible. Drums subject to the heat of a prolonged fire may explode or erupt scattering contents with possibility of enhancing combustion. Where possible remove drums and containers from the path of a fire, or cool with water spray. Firefighters may use water spray, jet, fog, foam, CO₂, or dry chemical powder to extinguish a fire in the vicinity.

6. ACCIDENTAL RELEASE MEASURES

Spills on floors will produce a slippery surface. Signage preventing foot traffic should be erected where appropriate.

Minor spills (up to 20 litres) should be diluted with water, neutralised where possible and removed with mops, absorbed with Mineral Sponge, dry rags, paper, sand, or soil. It may be possible to drain small neutralised spills to wastewater where this is permitted.

Large spills (drums and IBC's) should be contained from local drainage with any suitable bund or barrier. If possible dilute the spill without increasing the possibility of non-containment, and clean up with absorbent material such as Mineral Sponge, dry earth, sand, or soil. Where a liquid suction cleaning machine is available, it should be used only after neutralising the spill.



7. HANDLING AND STORAGE

Keep out of reach of children. Read label before use. Do not breathe spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves, protective clothing & eye protection. In case of inadequate ventilation wear respiratory protection.

Precautions for Safe Storage: Store in original container. Handle to prevent damage to containers. Should packaging be damaged, repack into clean and dry containers of the same type and mark the product name carefully on the container. Always replace lids and caps after using the product. Return all packages to safe storage as soon as possible after use. Direct sunlight may result in color fading.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure controls:No data is available for this product.

Eye protection:Safety glasses.

Protective clothing:Chemically impregnable gloves, protective work clothes (a coat, apron or overalls).

Respiratory protection:Not required for the regular use of this product. If the liquid is being vaporised, a face shield and/or respirator may be required. These operations should be carried out by trained personnel only.

Ventilation:Where spraying or vaporising is being carried out, ensure there is ready access to eyewash units and safety shower. Also ensure adequate ventilation is provided in the work space.

10. PHYSICAL AND CHEMICAL PROPERTIES

AppearanceClear blue liquid

OdourNone

pH10 - 11

Flash PointN/A

Ignition Point N/A

Specific Gravity1.01 – 1.03

Refractive Index13 - 15 % Bx

11. STABILITY AND REACTIVITY

The product is considered stable in normal storage and use. Evaporation will occur if exposed to air.

Avoid contamination with oxidising substances. Hazardous polymerisation will not occur.

Combustion will release oxides of carbon and nitrogen.

12. TOXICOLOGICAL INFORMATION

No toxicological data is available for the product.

For Benzalkonium chloride: LD50 Rat 1420 mg/kg LD50 mouse 150 mg/kg

13. ECOLOGICAL INFORMATION

No data is available for the product. Prevent this material entering waterways.

For Benzalkonium chloride: LC50 fathead minnow 0.28 mg/l 96 hr exposure. EC50 daphnia magna 0.006 mg/l 48 hr exposure

14. DISPOSAL CONSIDERATIONS

Discharge waste to trade waste or in accordance with local regulations. Wash empty plastic containers before recycling.

Spilled liquids must be absorbed by neutral materials and packed in containers which can be sealed for removal.

Large spills will require suctioning into suitable tanks, and if not recoverable, disposed of through recognised waste disposal experts.

15. TRANSPORT INFORMATION

NZ Land Transport Rule: Dangerous Goods Rule 2005

UN Number: 1903

Hazchem Group: 2X

Proper shipping name: Disinfectant liquid corrosive NOS (Benzalkonium chloride)

Classified as a Dangerous Goods for Land Transport in New Zealand.

Dangerous Goods Class: 8

Packing Group: III

16. NZ REGULATORY INFORMATION

This material is hazardous according to the EPA Minimum Degrees of Hazards and classification Notices 2017

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Wear gloves and eye safety glasses handling this product

Use buckets to dilute this product before use

Label or mark containers used to hold this product

Use good well defined measures to make dilutions

Keep unused product in secure containers to prevent mistaken use

17. OTHER INFORMATION

Formulation reference and version number: K4 -039 26-04-2018

This SDS was printed on 1 May 2018.

This SDS was prepared from data available on 8 May 2023

This SDS will be reviewed no later than 8 May 2028.

