



SAFETY DATA SHEET

SAFETY DATA SHEETS

STOCKCODE: 160526, 160543

E-GUARD X CONCENTRATE SAFETY DATA SHEET..... 1

E-GUARD X READY-TO-USE (1:25) SAFETY DATA SHEET.....10

ABCO PRODUCTS

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ISSUE DATE 31 / 010 / 2024

SAFETY DATA SHEET ACCORDING TO WHS AND ADG REQUIREMENTS AND
CONSOLIDATED HAZARDOUS SUBSTANCES (SAFETY DATA SHEETS) NOTICE 2017.

REVISION NO.1.2

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE & OF THE COMPANY/ UNDERTAKING

1.1 PRODUCT IDENTIFIER

Product Name: ENVIROPLUS E-GUARD X

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Use of Substance/ Mixture: Commercial Grade Disinfectant cleaner for floors and hard surfaces

1.3 DETAILS OF THE MANUFACTURER/ IMPORTER

Australian Supplier: Enviropius Products
Address: 44 John St, Bentley WA 6102
Telephone: 1800 177 399
Email: sales@abcopro.com.au

New Zealand Supplier: Proquip NZ Ltd/ Abco NZ
Address: 7A Peterkin Street
Taita, Lower Hutt, 5019
Telephone: 0800 277 678

1.4 EMERGENCY TELEPHONE NUMBER

Australia

Association/ Organisation: Poisons Information Centre
Emergency Telephone No.: 13 11 26

New Zealand:

Association/ Organisation: National Poison Centre
Emergency Telephone No.: 0800 764 766

SECTION 2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Poisons Schedule Not Applicable
GHS Classification [1] Skin Corrosion/Irritation Category 2, Eye Irritation Category 2
Legend: 1. Classified by Chemwatch; 2. Classification drawn from HSIS; 3. Classification drawn from EC Directive 1272/2008 - Annex VI

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS Label elements:



Signal Word: WARNING

Hazard Statement(s) H315: Causes skin irritation.
H319: Causes serious eye irritation.

Precautionary statement(s) Prevention:	P280: Wear protective gloves and eye protection.
P305+P351+P338+P337+P337+P313:	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/attention.
P302+P352+P362+P332+P313:	IF ON SKIN: Wash with plenty of water and soap. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention.
Precautionary statement(s) Storage:	None Known.
Precautionary statement(s) Disposal:	None Known.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

SUBSTANCES

CAS No	% [Weight]	Name
7173-51-5	2.5%	Didecyldimethylammonium chloride
67-63-0	<10%	Propan-2-ol
Proprietary	<10%	Ethoxylated alcohols
	>60%	Water, non-hazardous ingredients and ingredients below cut-off limits

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Eye Contact:	If this product comes in contact with the eyes: Wash out immediately with fresh running water for 10-15 minutes. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. If pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact:	If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
Inhalation:	If fumes, aerosols or combustion products are inhaled remove them from the contaminated area. Other measures are usually unnecessary.

Inhalation: If fumes, aerosols or combustion products are inhaled remove them from the contaminated area.
Other measures are usually unnecessary.

Ingestion: Immediately give a glass of water.
First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Immediate / special treatment: Treat symptomatically

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Extinguishing media: The product contains a substantial amount of water, therefore there are no restrictions on the type of extinguishing media which may be used.
Choice of extinguishing media should take into account surrounding areas

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

5.3. ADVICE FOR FIRE-FIGHTERS

Advice for fire-fighters: Alert Fire Brigade and tell them location and nature of hazard.
Wear breathing apparatus plus protective gloves in the event of a fire.
Prevent, by any means available, spillage from entering drains or water courses.
Use firefighting procedures suitable for surrounding area.
DO NOT approach containers suspected to be hot.
Cool fire exposed containers with water spray from a protected location.
If safe to do so, remove containers from path of fire.

Fire/Exposure hazards: The material is not readily combustible under normal conditions.
However, it will break down under fire conditions and the organic component may burn.
Not considered to be a significant fire risk.
Heat may cause expansion or decomposition with violent rupture of containers emit acrid smoke.
Decomposes on heating and produces toxic fumes of: carbon monoxide (CO), carbon dioxide (CO₂), phosphorus oxides (PO_x) and other pyrolysis products typical of burning organic material
May emit corrosive fumes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Minor Spills:	Flush away with copious amounts of water.
Major Spills:	Prevent, by any means available, spillage from entering drains or water course. Stop leak if safe to do so. Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labelled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle. Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7: HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Safe handling:	Avoid all personal contact. Wear protective clothing when risk of exposure occurs. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers.
Other Information	

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Suitable container:	Polyethylene or polypropylene container. Packing as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.
Storage incompatibility:	None known.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

Control Parameters

Occupational Exposure Limits:

Ingredient Data:

Source	Ingredient	Material Name	TWA	STEL	Peak	Notes
Australian Exposure Standards	Propan-2-ol	Propan-2-ol	400ppm	500ppm	Not available	Sk

Emergency Limits

Ingredient	Material Name	TEEL-1	TEEL-2	TEEL-3
Didecyldimethylammonium	Didecyldimethylammonium chloride	Not available	Not available	Not available
Propan-2-ol	Propan-2-ol	Not available	Not available	Not available

Ingredient	Original IDLH	Revised IDLH
Didecyldimethylammonium chloride	Not available	Not available
Propan-2-ol	Not available	Not available

8.2. EXPOSURE CONTROLS

Appropriate engineering controls:

Maintain adequate ventilation at all times.
In most circumstances natural ventilation systems are adequate.
If ventilation is poor, then the use of a local exhaust ventilation system is recommended.

Personal protection:



Eye and face protection:

Safety glasses with side shields OR
Chemical goggles.
Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly.

Skin protection:

See Hand protection below

Hands/feet protection:

Wear elbow length chemical protective gloves. Neoprene or butyl are recommended for this application.

Body protection:

See Other protection below

Other protection:

Barrier cream. Skin cleansing cream. Eye wash unit.

Thermal Hazards:

Not available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear yellow liquid	Relative density (Water = 1):	1.0
Physical state:	Liquid	Part.coeff. n-octanol/water:	No data available.
Odour:	Forest rose	Auto-ignition temperature (°C):	Not applicable
Odour Threshold	No data available.	Decomposition temperature:	No data available.
pH (as supplied):	7.5-8.5	Viscosity (cSt):	No data available.
Melting point/range°C:	No data available.	Molecular weight (g/mol):	No data available.
Initial boiling point and boiling range °C :	100	Taste:	No data available.
Flash point°C:	Not applicable	Explosive properties:	No data available.
Evaporate rate:	Not data available.	Oxidising properties:	No data available.
Flammability:	Not applicable	Surface tension (dyn/cm or mN/m):	No data available.
Upper Explosive Limit (%):	Not applicable	Volatile component (%vol):	No data available.
Upper Explosive Limit (%):	Not applicable	pH as a solution:	No data available.
Solubility in water (g/L):	Miscible.		

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

Reactivity: See section 7

10.2. CHEMICAL STABILITY

Chemical stability: Unstable in the presence of incompatible materials.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous reactions: See section 7

10.4 CONDITIONS TO AVOID

Conditions to avoid: See section 7

10.5 INCOMPATIBLE MATERIALS

Incompatible materials: See section 7

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Haz. decomp. products: See section 5

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Inhaled	Mists from the product may cause irritation to the nose, throat and respiratory system with effects including; coughing and discomfort.
Ingestion	May cause irritation to the mouth, throat and stomach.
Skin Contact	No adverse effects listed.
Eye	May cause irritation.
Chronic	Extended period of contact may cause irritation in sensitive individuals.

SECTION 12: ECOLOGICAL INFORMATION

12.1. TOXICITY

Toxicity: No data available.

12.2. PERSISTENCE AND DEGRADABILITY

Ingredient:	Persistence: Water/Soil:	Persistence: Air:
Didecyldimethylammonium chloride	No data available.	No data available.
Propan-2-ol		

12.3. BIO ACCUMULATIVE POTENTIAL

Ingredient:	Bioaccumulation:
Didecyldimethylammonium chloride	No data available.
Propan-2-ol	No data available.

12.4. MOBILITY IN SOIL

Ingredient:	Bioaccumulation:
Didecyldimethylammonium chloride	No data available.
Propan-2-ol	No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods:

Product/packaging disposal: Recycle containers whenever possible.
Product residues and containers should be disposed of in accordance with local government regulations

SECTION 14: TRANSPORT INFORMATION

Labels Required:**Marine Pollutant:** NO**HAZCHEM** Not applicable**Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS****This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012**

SECTION 15: REGULATION INFORMATION

HSNO APPROVAL NUMBER: HSR002530 (CLEANING PRODUCTS SUBSIDIARY HAZARD GROUP STANDARD 2020)**DIDCYLDIMETHYLAMMONIUM CHLORIDE (7173-51-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS**

Australia Exposure Standards

Australia Inventory of Chemical Substances (AICS)

NZ Inventory of Chemicals (NZIoC)

Australia Hazardous Substances Information System - Consolidated Lists

PROPAN-2-OL (67-63-0) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards

Australia Inventory of Chemical Substances (AICS)

NZ Inventory of Chemicals (NZIoC)

Australia Hazardous Substances Information System - Consolidated Lists

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

SECTION 16: OTHER INFORMATION

OTHER INFORMATION

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:

www.chemwatch.net/references

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviation:

PC-TWA:	Permissible Concentration-Time Weighted Average
PC-STEL:	Permissible Concentration-Short Term Exposure Limit
IARC:	International Agency for Research on Cancer
ACGIH:	American Conference of Government Industrial Hygienists
STEL:	Short Term Exposure Limit
TEEL:	Temporary Emergency Exposure Limit
IDLH:	Immediate Danger to Life or Health Concentrations
OSF:	Odour Safety Factor
NOAEL:	No Observed Effects Level
TLV:	Threshold Limit Value
LOD:	Limit Of Detection
OTV:	Odour Threshold Value
BCF:	Bio Concentration Factors
BEI:	Biological Exposure Index

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END OF SDS

ABCO PRODUCTS

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ISSUE DATE 31 / 10 / 2024

SAFETY DATA SHEET ACCORDING TO WHS AND ADG REQUIREMENTS AND
CONSOLIDATED HAZARDOUS SUBSTANCES (SAFETY DATA SHEETS) NOTICE 2017.

REVISION NO.3.2

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE & OF THE COMPANY/ UNDERTAKING

1.1 PRODUCT IDENTIFIER

Product Name: ENVIROPLUS E-GUARD X (1:25 DILUTION)

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Relevant identified uses: Commercial Grade Disinfectant cleaner for floors and hard surfaces.

1.3 DETAILS OF THE MANUFACTURER/ IMPORTER

Australian Supplier: Enviropius Products
Address: 44 John St, Bentley WA 6102
Telephone: 1800 177 399
Email: sales@abcopro.com.au

New Zealand Supplier: Proquip NZ Ltd/ Abco NZ
Address: 7A Peterkin Street
Taita, Lower Hutt, 5019
Telephone: 0800 277 678

1.4 EMERGENCY TELEPHONE NUMBER

Australia
Association/ Organisation: Poisons Information Centre
Emergency Telephone No.: 13 11 26

New Zealand:
Association/ Organisation: National Poison Centre
Emergency Telephone No.: 0800 764 766

SECTION 2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

NON-HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code; and EPA Hazardous Substances (Classification) Notice 2017 and NZS 5433:2012 for transport in NZ

Poisons Schedule: Not applicable.

GHS Classification [1]: Not applicable.

Label elements:

GHS label elements: Not applicable.

Signal Word: Not applicable.

Hazard Statements: Not applicable.

Precautionary statement(s)

Prevention:

P102: Keep out of reach of children

Precautionary statement(s) Response: Not applicable.

Precautionary statement(s) storage: Not applicable.

Precautionary statement(s) Disposal:
P501:

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

SUBSTANCES All ingredients are non-hazardous or below WHS cut-off limits.

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Eye Contact: If this product comes in contact with eyes: Wash out immediately with water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

Skin Contact: Not applicable.

Inhalation: Not applicable.

Ingestion: Do NOT induce vomiting. Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Immediate / special treatment: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Extinguishing media: There is no restriction on the type of extinguisher which may be used.

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Fire incompatibility: None known.

5.3. ADVICE FOR FIRE-FIGHTERS

Fire Fighting: Alert Fire Brigade and tell them location and nature of hazard.

Fire/Explosion Hazard: Non-combustible.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Minor Spills: Flush away with copious amounts of water.

Major Spills: Absorb on sand, dirt, vermiculite or similar absorbent material. Place into labelled drums and dispose of according to local government regulations. Immediately notify emergency services (Police or Fire Brigade) if the spill is too large for you to safely and effectively handle. Prevent by any means available any spillage entering a watercourse.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7: HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Safe Handling: No precautions required.

Other information:

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Suitable container: Polyethylene or polypropylene container.

Storage incompatibility:

PACKAGE MATERIAL INCOMPATIBILITIES No data available.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

Occupational Exposure Limits (OEL)

Ingredient data: No data available.

8.2. EXPOSURE CONTROLS

Appropriate engineering controls: Not required

Personal protection: Not required

Eye and face protection: Not required

Hands/feet protection: Not applicable.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear yellow liquid	Relative density (Water=1):	1.1
Physical State:	Liquid	Part.coeff. n-octanol/water:	No data available.
Odour:	Forest Rose	Auto-ignition temperature (°C):	Not applicable.
Odour threshold:	No data available.	Decomposition temperature:	No data available.
pH (as supplied):	7-8	Viscosity (cSt):	No data available.
Melting point/freezing point (°C):	No data available.	Molecular weight (g/mol):	No data available.
Boiling point/range°C:	100	Taste:	No data available.
Flash point°C:	No data available.	Explosive Properties:	No data available.
Evaporation rate:	No data available.	Oxidising Properties:	No data available.
Flammability:	Not applicable.	Surface Tension (dyn/cm or mN/m):	No data available.
Upper Explosive Limit (%):	Not applicable.	Volatile Component (%vol):	No data available.
Lower Explosive Limit (%):	Not applicable.	Gas Group:	No data available.
Vapour pressure (kPa):	No data available.	pH as a solution:	No data available.
Solubility in water (g/L):	Miscible	VOC g/L:	No data available.
Vapour Density (Air=1):	Miscible		

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

Reactivity: See section 7

10.2. CHEMICAL STABILITY

Chemical stability: Unstable in the presence of incompatible materials.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous reactions: See section 7

10.4 CONDITIONS TO AVOID

Conditions to avoid: See section 7

10.5 INCOMPATIBLE MATERIALS

Materials to avoid: See section 7

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Haz. decomp. products: See section 5

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Inhalation:	Not applicable.
Ingestion:	May cause irritation to the mouth, throat and stomach.
Skin Contact:	No adverse effects listed.
Eye Contact:	May cause irritation.
Chronic:	Extended period of contact may cause irritation in sensitive individuals.

SECTION 12: ECOLOGICAL INFORMATION

12.1. TOXICITY

Toxicity: No data available.

12.2. PERSISTENCE AND DEGRADABILITY

Persistence and degradability:

Ingredient: **Persistence: Water/Soil**
No data available for all ingredients

Persistence: Air

No data available for all ingredients

12.3. BIOACCUMULATIVE POTENTIAL

Ingredient: **Mobility**
No data available for all ingredients

12.4. MOBILITY IN SOIL

Ingredient: **Mobility**
No data available for all ingredients

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

Product/packaging disposal: Recycle containers whenever possible.
Product residues and containers should be disposed of in accordance with local government regulations

SECTION 14: TRANSPORT INFORMATION

Labels required:

Marine Pollutant: NO
HAZCHEM: Not applicable

LAND TRANSPORT (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

**THIS PRODUCT IS NOT CLASSIFIED AS A DANGEROUS GOOD FOR TRANSPORT IN NZ ;
NZS 5433:2012**

SECTION 15: REGULATION INFORMATION

APPROVAL NOT REQUIRED UNDER THE HSNO ACT.

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Specific regulations: Not applicable

15.2. CHEMICAL SAFETY ASSESSMENT

SECTION 16: OTHER INFORMATION

OTHER INFORMATION

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references. A list of reference resources used to assist the committee may be found at: www.chemwatch.net/references

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ACGIH:	American Conference of Government Industrial Hygienists
STEL:	Short Term Exposure Limit
TEEL:	Temporary Emergency Exposure Limit
IDLH:	Immediate Danger to Life or Health Concentrations
OSF:	Odour Safety Factor
NOAEL:	No Observed Effects Level
TLV:	Threshold Limit Value
LOD:	Limit Of Detection
OTV:	Odour Threshold Value
BCF:	Bio Concentration Factors
BEI:	Biological Exposure Index

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END OF SDS