

STOCKCODE:	160526.	160543
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E-GUARD X CONCENTRATE SAFETY DATA	SHEET	1
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**ABCO PRODUCTS** 

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STOCKCODE: 160526, 160543

COMPLIATION DATE 02/01/2021

SAFETY DATA SHEET ACCORDING TO WHS AND ADG

REVISION NO.3

REQUIREMENTS

## 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

**Registered Company Name:** Enviroplus Products

Address: 44 Bentley WA 6982

**Telephone**: 1800 177 399

Email: sales@abcopro.com.au

### 1.4 EMERGENCY TELEPHONE NUMBER

**Association/ Organisation:** Poisons Information Centre

Emergency Telephone No.: 13 11 26

**Other Emergency Telephone:** +61 (0) 1800 177 399 Mon-Fri 7:30 AM - 1:30 AM

### **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+P33

7+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:

Precautionary statement(s)

Disposal:

None Known.

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 (POx) 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 h a n d l e .

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	Propan-2-ol	Propan-2-ol	400ppm	500ppm	Not available	Sk
Standards	1 Topan 2 of	FTOPall-2-01	чооррии	Зоорріп	Not available	OK

# **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 rednessor 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

No data available.



### SAFETY DATA SHEET

# **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 Not applicable

Odour Threshold No data available (°C):

Odour Threshold

No data available.

No data available.

7.5-8.5

Decomposition temperature:

pH (as supplied): 7.5-8.5 Decomposition temperature: No data available. Viscosity (cSt): No data available.

Melting point/range°C:

No data available.

Molecular weight (g/mol):

No data available.

Initial boiling point and boiling 100

range °C:

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 (dyncm or No data available.

**Upper Explosive Limit (%):** Not applicable **mN/m):** 

Upper Explosive Limit (%): Not applicable Volatile component (%vol): No data available.

Solubility in water (g/L): PH as a solution: No data available.

### **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 chlorideNo data available.No data available.

Propan-2-ol

### 12.3. BIO ACCUMULATIVE POTENTIAL

Ingredient:Bioaccumulation:Didecyldimethylammonium chlorideNo data available.Propan-2-olNo data available.

# 12.4. MOBILITY IN SOIL

Ingredient:Bioaccumulation:Didecyldimethylammonium chlorideNo data available.Propan-2-olNo 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

### **SECTION 15: REGULATION INFORMATION**

# DIDECYLDIMETHYLAMMONIUM CHLORIDE (7173-51-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Exposure Standards

Australia Inventory of Chemical Substances (AICS)

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)

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:

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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STOCKCODE: 160526, 160543

COMPLIATION DATE 02/01/2021

SAFETY DATA SHEET ACCORDING TO WHS AND ADG

REVISION NO.3

REQUIREMENTS

## 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

Registered Company Name: Enviroplus Products

Address: 44 Bentley WA 6982

**Telephone:** 1800 177 399

Email: sales@abcopro.com.au

1.4 EMERGENCY TELEPHONE NUMBER

Association/ Organisation: Poisons Information Centre

**Emergency Telephone No.:** 13 11 26

**Other Emergency Telephone:** +61 (0) 1800 177 399 Mon-Fri 7:30 AM - 1:30 AM

### **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.

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



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Precautionary statement(s)

Response:

Not applicable.

Precautionary statement(s)

storage:

Precautionary statement(s)

Disposal:

P501:

Not applicable.

# **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.

Do NOT induce vomiting. Immediately give a glass of water.

**Ingestion:** 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 symtomatically.

# **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.



#### SAILII DAIA SIILLI

### **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 incomptaibility:

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 Not required

controls:

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 iquid Relative density (Water=1):

Part.coeff. n-octanol/water: **Physical State:** No data available. Liquid

**Odour:** Forest Rose **Auto-ignition temperature (°C):** Not applicable.

Odour threshold: No data available. **Decomposition temperature:** No data available.

7-8 No data available. pH (as supplied): Viscosity (cSt):

No data available. Melting point/freezing point (°C): No data available. Molecular weight (g/mol):

Taste: No data available. **Boiling point/range°C:** 

No data available. **Explosive Properties:** No data available. Flash point°C:

**Oxidising Properties:** No data available. No data available. **Evaporation rate:** 

Surface Tension (dyn/cm or Not applicable. Flammability:

Not applicable. **Upper Explosive Limit (%):** 

**Volatile Component (%vol):** Not applicable. **Lower Explosive Limit (%): Gas Group:** No data available.

Vapour pressure (kPa): pH as a solution: Miscible Solubility in water (g/L): VOC g/L: Miscible Vapour Density (Air=1):

mN/m): No data available.

No data available.

No data available. No data available.

No data available.

# **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

See section 7 Conditions to avoid:

10.5 INCOMPATIBLE MATERIALS

See section 7 Materials to avoid:

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

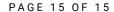
### **SECTION 14: TRANSPORT INFORMATION**

Labels required:

Marine Pollutant: NO

HAZCHEM: Not applicable

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



### **SECTION 15: REGULATION INFORMATION**

# 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:

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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:**

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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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