



## SAFETY DATA SHEET

According to  
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

### Section 1. Identification of the material and the supplier

Product: **C-Tec Window SprayWipe**  
Other Names: Window Cleaner  
Product Use: Window Cleaner & Spray n Wipe  
Restriction of Use: Refer to Section 15

New Zealand Supplier: **2CARE PRODUCTS**  
Address: 9 Donnor Place  
Mt Wellington  
Auckland

Telephone: 0800 753 753  
Fax: 09 574 5999  
**Emergency No: 0800 764 766 (National Poison Centre)**

Date of SDS Preparation: 24 May 2022 v2

### Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

**EPA Approval No:** Cleaning Products (Subsidiary) – HSR002530

#### Pictograms:



Signal Word: **Warning**

GHS Classification and Category	HSNO Classification	Hazard Code	Hazard Statement
Skin irritation Cat. 2	6.3A	H315	Causes skin irritation.
Eye irritation Cat. 2	6.4A	H319	Causes serious eye irritation.
Hazardous to the aquatic environment chronic Cat. 4	9.1D	H401/H413	Toxic to aquatic life. May cause long lasting harmful effects to aquatic life.

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective clothing as detailed in Section 8.

Response Code	Response Statement
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Product Name: C-Tec Window SprayWipe  
Date of SDS: 24 May 2022

SDS Prepared by: 2Care Products  
Version 002

P101	If medical advice is needed, have product container or label at hand.
P362	Take off contaminated clothing and wash before re-use.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
P501	Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.

### Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
2-Butoxy Ethanol	< 10	111-76-2
Non-hazardous ingredients and water	To Balance	

### Section 4. First Aid Measures

Routes of Exposure:

**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.

**If on Skin** REMOVE contaminated clothing. flush the contaminated skin thoroughly with water for at least 15 minutes preferably under a safety shower. If skin irritation occurs: Get medical advice/ attention.

**If Swallowed** DO NOT induce vomiting. If person is conscious slowly provide as much water as the person can comfortably drink. Transport person to nearest hospital or doctor without delay. If person has lost consciousness DIAL 111 and request an ambulance.

**If Inhaled** Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

#### Most important symptoms and effects, both acute and delayed

Symptoms:

**Ingestion:** Not applicable  
**Inhalation:** May cause slight discomfort  
**Skin:** Causes skin irritation.  
**Eye:** Causes severe eye irritation.

**Notes to Doctor:** Treat symptomatically based on judgement of doctor and individual reactions of patient.

**Safety measures:** Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers. Treat symptomatically.

### Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Non Flammable or combustible.
<b>Hazards from combustion products</b>	The product is non-combustible; however, it may liberate Carbon and Nitrogen oxides (CO/NOx) within smoke. The packaging material may also burn to emit noxious fumes.
<b>Suitable Extinguishing media</b>	Extinguishing powder, Alcohol resistant foam, Carbon dioxide (CO <sub>2</sub> ) , Water spray.
<b>Precautions for firefighters and special protective clothing</b>	Wear positive pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (including Helmet, Coat, Trousers, Boots and Gloves) or chemical splash suit. DO NOT allow spillage or firefighting water to reach waterways, drains or sewers. Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
<b>HAZCHEM CODE</b>	<b>None allocated.</b>

## **Section 6. Accidental Release Measures**

### **General Response Procedures:**

Clear area of all unprotected personnel. Allow only trained personnel wearing appropriate protective equipment to be involved in spill response. Contain spill, avoid further accidents, clean up immediately. Increase ventilation. In the case of large spills alert fire brigade and notify them of location and nature of spill.

### **Environmental Precautionary Measures:**

Prevent run off into drains and waterways. If contamination of sewers or waterways has occurred advise the Environmental Protection Authority and/or your local Waste Authority.

### **Clean Up Procedures:**

Stop leak if safe to do so. Contain spill immediately. Mechanically collect as much of the spill as possible. Absorb with sand, earth or clay. Transfer to suitable, labelled corrosion resistant containers and dispose of promptly as hazardous waste. Spill on areas other than pavement (e.g. dirt and sand) may be handled by removing the affected soils and placing in approved containers. Dispose as per Section 13.

## **Section 7. Handling and Storage**

### **Precautions for Handling:**

- Read label before use.
- Avoid breathing fumes, vapours or spray.
- Wash hands thoroughly after handling.
- Avoid release to the environment.
- Wear protective clothing as detailed in Section 8.
- Ensure an eye bath is available and ready for use.
- Avoid contact with eyes, skin and clothing.
- Do not smoke, eat or drink when handling product.
- Always remove contaminated clothing and wash hands before eating, drinking, smoking or using the toilet.
- Wash contaminated clothing and other protective equipment before storage or re-use.

### **Precautions for Storage:**

- Store away from incompatible materials listed in Section 10.
- Keep out of reach of children.
- Store upright in the original container in a cool, dry, well-ventilated protected area out of direct sunlight and away from foodstuffs.
- Keep containers tightly closed when not in use.
- Inspect regularly for deficiencies such as damage or leaks.
- Do not combine part containers of the same product.
- A water supply or source must be provided in the place of storage.
- Store in original packaging as approved by manufacturer.

**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
2-Butoxyethanol (Butyl glycol ether) [111-76-2]	25	121	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 13<sup>TH</sup> EDITION.

**Engineering Controls**

General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in special circumstances.

**Personal Protection Equipment**

<b>Eyes</b>	Use splash proof safety goggles, and/or if necessary an appropriate full-face shield that conform to AS1336/1337.
<b>Hands</b>	Any Gloves approved for chemical hazards that conform to AS2161.
<b>Skin</b>	Trousers, Long sleeved shirt and closed shoes.
<b>Respiratory</b>	If determined an inhalation risk is present. Use a P2 grade disposable mask which conforms to the requirements of AS1715/1716).

**Section 9****Physical and Chemical Properties**

<b>Appearance</b>	Free flowing liquid
<b>Colour</b>	Clear Green Blue
<b>Odour</b>	Ether-like
<b>Odour Threshold</b>	Not available
<b>pH</b>	9.0 – 10.0
<b>Boiling Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Not available
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density</b>	Not available
<b>Density</b>	Not available.
<b>Water Solubility</b>	Complete in water
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Kinematic Viscosity</b>	Not available
<b>Particle Characteristics</b>	Not available
<b>Shelf life</b>	Not available.

**Section 10. Stability and Reactivity**

<b>Stability of Substance</b>	The substance is stable under normal environmental and foreseeable conditions of temperature and pressure during storage and handling. Unstable in the presence of incompatible materials may liberate poisonous fumes. The substance is stable under normal environmental and foreseeable conditions during storage and handling.
<b>Possibility of hazardous reactions</b>	Not available
<b>Conditions to Avoid</b>	Avoid contact with foodstuffs. Do not combine part drums of the same product. Use in a well-ventilated area. Avoid high temperatures.
<b>Incompatible Materials</b>	Oxidising agents.
<b>Hazardous Decomposition Products</b>	Excess heat may produce Carbon and Nitrogen Oxides.

**Section 11 Toxicological Information****Acute Effects:**

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.
<b>Inhalation</b>	Harmful if inhaled. High concentrations – Inhalation can cause pneumonia and/or pulmonary oedema, but only after signs of corrosive effects on the mucous membranes of the eyes and/or the upper respiratory tract. Symptoms include: Irritation, Sore throat, Cough, Dizziness, Drowsiness, Difficulty in breathing, Sleepiness, Unconsciousness.
<b>Eye</b>	Causes severe eye irritation to ocular tissue.
<b>Skin</b>	Causes skin irritation.

**Chronic Effects:**

<b>Carcinogenicity</b>	Not applicable.
<b>Reproductive Toxicity</b>	Not applicable.
<b>Germ Cell Mutagenicity</b>	Not applicable.
<b>Aspiration</b>	Not applicable.
<b>STOT/SE</b>	Not applicable.
<b>STOT/RE</b>	Not applicable.

**Oral toxicity:**

2-Butoxy Ethanol LD50 – 1414mg/kg (Guinea Pig) OECD Guideline 401

**Dermal Toxicity:**

2-Butoxy Ethanol LD50 – >2000mg/kg (Guinea Pig).OECD Guideline 402

**Inhalation Toxicity:**

2-Butoxy Ethanol – LC50 – 3.1mg/L (Guinea Pig) OECD Guideline 403

**Section 12. Ecotoxicological Information**

Toxic to aquatic life. May cause long lasting harmful effects to aquatic life.

<b>Product:</b>	
<b>Persistence and degradability</b>	Readily Biodegradable.
<b>Bioaccumulation</b>	Low potential for Bioaccumulation.
<b>Mobility</b>	High mobility in soil and waterways.
<b>Other adverse effects</b>	No data available.

#### ECOTOXICITY

##### **2-Butoxy Ethanol:**

LC<sub>50</sub> (Fish, 96 h): 1474 mg/L (Oncorhynchus mykiss) (OECD Guideline 203)  
 EC<sub>50</sub> (Algae, 72 h): 911 mg/L (Pseudokirchneriella subcapitata) (OECD Guideline 201)  
 EC<sub>50</sub> (Daphnia magna, 48 h): 1550 mg/L (OECD Guideline 202)  
 NOEC (Algae, 72 h): >280 mg/L (Pseudokirchneriella subcapitata) (OECD Guideline 201)  
 NOEC (Daphnia magna, 21 d): >100 mg/L (OECD Guideline 211)

Do not allow drainage into sewer, streams or storm water systems.

### **Section 13. Disposal Considerations**

#### **Disposal Method:**

Dispose of in accordance with all local, regional and national regulations. All empty packaging should be disposed of in accordance with local, regional, and national regulations or recycled/reconditioned at an approved facility.

#### **Precautions or methods to avoid:**

Containers should be rinsed then disposed of in compliance with any requirements of the Resource Management Act for which approval should be sought from the Regional Authority.

### **Section 14 Transport Information**

**This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012**

### **Section 15 Regulatory Information**

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Cleaning Products (Subsidiary) – HSR002530

<b>HSW (HS) Regulations 2017 and EPA Notices</b>	<b>Trigger Quantity</b>
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	10 000L
Emergency Response Plan	10 000L
Secondary Containment	10 000L
Restriction of Use	Only use for the intended purpose.

### **Section 16 Other Information**

#### **Glossary**

Cat	Category
EC <sub>50</sub>	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.

LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2020 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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 how to safely handle and use the product in the work place. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact the 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.

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Issue Date: 24 May 2022 Review Date: 24 May 2027