



## 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 Wildberry Disinfectant**  
Other Names: Wildberry Disinfectant  
Product Use: Disinfectant  
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: 30 March 2022

### 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. 3	9.1C	H412	Harmful to aquatic life with long lasting effects.

Prevention Code	Prevention Statement
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
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.

<b>Storage Code</b>	<b>Storage Statement</b>
None allocated	

<b>Disposal Code</b>	<b>Disposal Statement</b>
P501	Dispose of according to Local Regulations or Authorities

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

Ingredients	Wt%	CAS NUMBER.
Benzalkonium Chloride	<1	68424-85-1
Wildberry fragrance	1 - 2	Mixture
Non-hazardous ingredients	To bal	

### Section 4. First Aid Measures

Routes of Exposure:

- If in Eyes Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.
- If on Skin Take off contaminated clothing and wash before re-use. Wash skin with plenty of soap and water. If skin irritation occurs: get medical advice/attention.
- If Swallowed Do not induce vomiting. Wash out mouth thoroughly with water. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Seek medical attention if needed.
- 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:** Not applicable  
**Skin:** Causes skin irritation.  
**Eye:** Causes serious eye irritation.

**Notes to Doctor:** Treat symptomatically based on judgement of doctor and individual reactions of patient. Give 100% humidified supplemental oxygen with artificial respiration if patient breathing is compromised.

### Section 5. Fire Fighting Measures

<b>Hazard Type</b>	Non Flammable and Non Combustible
<b>Hazards from combustion products</b>	In the event of fire toxic fumes may be produced.
<b>Suitable Extinguishing media</b>	Use extinguishing media appropriate for surrounding fire.

<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. Use fire-fighting procedures suitable for surrounding area.
<b>HAZCHEM CODE</b>	<b>None Allocated</b>

<b>Section 6. Accidental Release Measures</b>
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**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 immediately, avoid further accidents, clean up immediately.

**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:**

Absorb spill with sand, or earth. Transfer saturated material to suitable, labelled DRY containers for disposal. Wash area down with water and collect washings for disposal. Dispose of in compliance with local and/or national regulations as per Section 13.

<b>Section 7. Handling and Storage</b>
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**Precautions for Handling:**

- Read label before use.
- Avoid breathing fumes, vapours or spray.
- 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 after handling or 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.
- 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.
- Store in original packaging as approved by manufacturer.

<b>Section 8 Exposure Controls / Personal Protection</b>
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**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

<b>Substance</b>	<b>TWA ppm mg/m<sup>3</sup></b>	<b>STEL ppm mg/m<sup>3</sup></b>
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No ingredients have exposure limits

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 NOV 2020 12<sup>TH</sup> EDITION.

## Engineering Controls

General exhaust is adequate under normal operating conditions. Provide eyewash stations.

## 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 valved disposable mask which is suitable for organic vapours and conforms to AS1715/1716).

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Free flowing liquid
<b>Colour</b>	Blue
<b>Odour</b>	Berry
<b>Odour Threshold</b>	Not available
<b>pH</b>	7.5 – 8.5
<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>Specific Gravity</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

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This product is stable under normal conditions.
<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.
<b>Incompatible Materials</b>	No data available.
<b>Hazardous Decomposition Products</b>	The packaging material may burn to emit noxious fumes.

## Section 11 Toxicological Information

### Acute Effects:

<b>Swallowed</b>	Not applicable.
<b>Dermal</b>	Not applicable.

<b>Inhalation</b>	Not applicable.
<b>Eye</b>	Causes serious eye irritation.
<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.

**Individual component information:**

**Acute Toxicity:**

<b>Chemical Name</b>	<b>Oral – LD50</b>	<b>Dermal – LD50</b>	<b>Inhalation – LC50</b>
Benzalkonium Chloride (68424-85-1)	397.5 mg/kg (rat)	-	-

**Section 12. Ecotoxicological Information**

Harmful to aquatic life with long lasting effects.

**Ecotoxicity**

LC50 – 0.0322mg/L Pimephales promelas (Fathead Minnow – Chronic) 34d  
 LC50 – 0.28 mg/L Pimephales promelas (Fathead Minnow) 96h  
 EC50 – 0.0059 mg/L Daphnia magna (Water Flea) 48h  
 EC50 – 0.08mg/L Scenedesmus pannonicus (Green Algae) 72h

<b>Product:</b>	
<b>Persistence and degradability</b>	Readily biodegradable.
<b>Bioaccumulation</b>	Low risk of Bioaccumulation.
<b>Mobility</b>	Completely soluble in water.
<b>Other adverse effects</b>	No data available

Do not allow to enter waterways.

**Section 13. Disposal Considerations**

**Disposal Method:**

Triple rinse and dispose as per Local Regulations.

**Precautions or methods to avoid:** Avoid release to the environment.

**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>
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Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L
Emergency Response Plan	1000L
Secondary Containment	1000L
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

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Please contact the New Zealand distributor, if further information is required.

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