



VIRTUE+

# WC Disinfectant

Safety Data Sheet

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Connect online  
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# Safety Data Sheet

according to WHS Regulations

## 1 Identification

**Product Name:** WCDISINFECT

**Other Means of Identification:** Mixture

**Recommended Use of the Chemical and Restriction on Use:** Disinfectant

**Details of Manufacturer or Importer:**

Virtue Plus  
13 Fawkner Avenue,  
Kings Meadows, Tas, 7249

**Phone Number:** 03 6344 8400

**Emergency telephone number:** 1800 205 506, +64 7958 2372

## 2 Hazard(s) Identification

### Hazardous Nature:

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Aquatic Acute 3 H402 Harmful to aquatic life.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

**Signal Word** None

### Hazard Statements

H412 Harmful to aquatic life with long lasting effects.

### Precautionary Statements

P273 Avoid release to the environment.

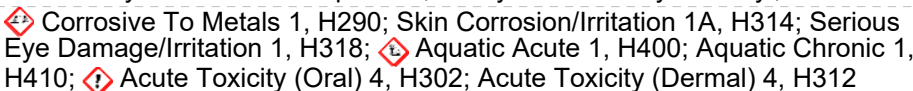
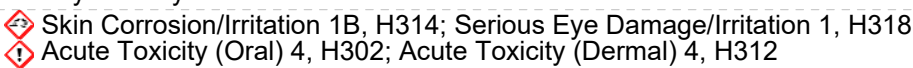
P501 Dispose of contents/container in accordance with local/regional/national regulations.

## 3 Composition and Information on Ingredients

### Chemical Characterization: Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

### Hazardous Components:

CAS: 68424-85-1	Quaternary ammonium compounds, benzyl-C12-16-alkyldimethylchlorides 	0.25 - <1%
CAS: 7173-51-5	Didecyldimethylammonium chloride 	0.1 - <1%

## 4 First Aid Measures

### Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

### Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

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**Eye Contact:**

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

**Ingestion:**

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**Symptoms Caused by Exposure:**

Inhalation: No adverse health effects expected.

Skin Contact: No adverse health effects expected.

Eye Contact: No adverse health effects expected.

Ingestion: No adverse health effects expected.

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:**

Use fire extinguishing methods suitable to surrounding conditions. Do not use full water jet.

**Specific Hazards Arising from the Chemical:**

Hazardous combustion products include toxic gases.

Product is not combustible, but may decompose in a fire.

Containers close to fire should be removed only if safe to do so.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

### 6 Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots.

Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material.

Collect the spilled material and place into a suitable container for disposal. Rinse spill area with plenty of water.

### 7 Handling and Storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from extreme temperatures. Do not allow storage temperature to exceed 30 °C.

Recommended storage temperature: 10 - 25 °C.

Storage life: 3 years

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### 8 Exposure Controls and Personal Protection

**Exposure Standards:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Engineering Controls:** Ensure adequate ventilation of the working area.

**Respiratory Protection:**

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

**Skin Protection:**

Nitrile gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

### 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	Colourless
<b>Odour:</b>	Weak
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	~7
<b>Melting point/freezing point:</b>	-4 - +4 °C
<b>Initial Boiling Point/Boiling Range:</b>	~100 °C
<b>Flash Point:</b>	>100 °C
<b>Flammability:</b>	Product is not flammable.
<b>Auto-ignition Temperature:</b>	Not determined
<b>Decomposition Temperature:</b>	Not applicable
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available
<b>Upper:</b>	No information available
<b>Vapour Pressure:</b>	Not determined
<b>Density at 20 °C:</b>	~1 g/cm <sup>3</sup>
<b>Vapour Density:</b>	Not determined.
<b>Evaporation Rate:</b>	Not determined.
<b>Solubility in Water:</b>	Completely miscible
<b>Partition Coefficient (n-octanol/water):</b>	Not determined
<b>Viscosity:</b>	Not determined

### 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

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**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.**Conditions to Avoid:** Extreme temperatures.**Incompatible Materials:** No information available**Hazardous Decomposition Products:** Toxic gases.

### 11 Toxicological Information

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:****CAS: 68424-85-1 Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides**Oral LD<sub>50</sub> 795 mg/kg (rat)Dermal LD<sub>50</sub> 1,560 mg/kg (rat)**CAS: 7173-51-5 Didecyldimethylammonium chloride**Oral LD<sub>50</sub> 84 mg/kg (rat)**Acute Health Effects****Inhalation:** No adverse health effects expected.**Skin:** No adverse health effects expected.**Eye:** No adverse health effects expected.**Ingestion:** No adverse health effects expected.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No information available**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available

### 12 Ecological Information

**Ecotoxicity:** No further relevant information available.**Aquatic toxicity:** No further relevant information available.**Persistence and Degradability:** No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** No further relevant information available.

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**Other adverse effects:** No further relevant information available.

### 13 Disposal Considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

### 14 Transport Information

**UN Number** Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

### 15 Regulatory Information

**Australian Inventory of Chemical Substances:**

CAS: 68424-85-1 Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

CAS: 7173-51-5 Didecyldimethylammonium chloride

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**

Not Scheduled.

### 16 Other Information

**Date of Preparation or Last Revision:** 05.04.2019**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC<sub>50</sub>: Lethal concentration, 50 percentLD<sub>50</sub>: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Corrosive To Metals 1: Corrosive to metals – Category 1

Acute Toxicity (Oral) 4: Acute toxicity – Category 4

Skin Corrosion/Irritation 1A: Skin corrosion/irritation – Category 1A

Skin Corrosion/Irritation 1B: Skin corrosion/irritation – Category 1B

Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1

Aquatic Acute 3: Hazardous to the aquatic environment, short-term (Acute). Category 3

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term (Chronic). Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term (Chronic). Category 3

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

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