



WC Disinfectant

Safety Data Sheet

Phone: 1300 255 546
Email: sales@virtueplus.com.au



Connect online
@ Virtue Plus



Printing date 05.04.2019

Safety Data Sheet

according to WHS Regulations

Revision: 05.04.2019

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 Fawcner 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 ⚠ Corrosive To Metals 1, H290; Skin Corrosion/Irritation 1A, H314; Serious Eye Damage/Irritation 1, H318; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Toxicity (Oral) 4, H302; Acute Toxicity (Dermal) 4, H312	0.25 - <1%
CAS: 7173-51-5	Didecyldimethylammonium chloride ⚠ Skin Corrosion/Irritation 1B, H314; Serious Eye Damage/Irritation 1, H318; ⚠ Acute Toxicity (Oral) 4, H302; Acute Toxicity (Dermal) 4, H312	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.

(Contd. on page 2)

Safety Data Sheet

according to WHS Regulations

Printing date 05.04.2019

Revision: 05.04.2019

Product Name: WCDISINFECT

(Contd. of page 1)

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

(Contd. on page 3)

Safety Data Sheet

according to WHS Regulations

Printing date 05.04.2019

Revision: 05.04.2019

Product Name: WCDISINFECT

(Contd. of page 2)

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:

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

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

(Contd. on page 4)

Safety Data Sheet

according to WHS Regulations

Printing date 05.04.2019

Revision: 05.04.2019

Product Name: WCDISINFECT

(Contd. of page 3)

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:**LD₅₀/LC₅₀ Values Relevant for Classification:****CAS: 68424-85-1 Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides**Oral LD₅₀ 795 mg/kg (rat)Dermal LD₅₀ 1,560 mg/kg (rat)**CAS: 7173-51-5 Didecyldimethylammonium chloride**Oral LD₅₀ 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.

(Contd. on page 5)

Safety Data Sheet

according to WHS Regulations

Printing date 05.04.2019

Revision: 05.04.2019

Product Name: WCDISINFECT

(Contd. of page 4)

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 Ltdwww.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)

LC₅₀: Lethal concentration, 50 percentLD₅₀: 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"

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Virtue Plus makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.