

## Section 1. IDENTIFICATION

**Product identifier:** DD 20 **Product Code:** 2-610  
**Description /Use:** Commercial Grade Disinfectant & Deodoriser  
**Business name:** Zexa Chemicals  
**Address:** 28 Strathmore Road Caves Beach  
NSW 2281 Australia  
**Phone:** +61 2 4970 7777 **Fax:** +61 2 9475 4880  
**Email:** [sales@zexa.com.au](mailto:sales@zexa.com.au) **Website:** [www.zexa.com.au](http://www.zexa.com.au)

Use only according to directions on product spec sheet and label.

**Poisons Information Centre Contact Number: 13 11 26**

## Section 2. HAZARDS IDENTIFICATION

Not classified as hazardous according to the Office of Australian Safety & Compensation Council (ASCC) criteria

## Section 3. COMPOSITION INFORMATION

Chemical Name	CAS Number	Percentage
Benzalkonium chloride	68424-85-1	1 – 10
All other ingredients are non-hazardous in proportion		to 100

## Section 4. FIRST AID

**Inhalation:** Remove the victim from the source of exposure. If the victim is not breathing, apply artificial resuscitation.

**Ingestion:** Do NOT induce vomiting. Give water to drink. Seek medical attention.

**Skin Contact:** Remove contaminated clothing and launder before re-use. Wash affected skin with water.

**Eye Contact:** Hold the eyes open and flush with water for at least 15 minutes. Seek medical attention

**First Aid Facilities:** This Safety Data Sheet should be provided to the attending medical doctor. Normal washroom facilities are generally suitable. It is recommended that an eyewash station be available and ready for use. Advice to Doctor: treat symptomatically.

## Section 5. FIRE FIGHTING MEASURES

This product is not flammable under the conditions of storage and use and does not support combustion.

**Extinguishing Media:** Use the extinguisher appropriate to the principal fire hazard or to the source of the fire.

**Specific Hazards:** None known.

**Hazardous Combustion Products:** If this product is involved in a fire, the water contained in it may evaporate, leaving a residue which may combust. During combustion, the residue may produce carbon monoxide as well as other unidentifiable organic compounds.

**Protective Equipment:** Fire fighters are to wear protective equipment appropriate to the principal fire hazard or the source of the fire. No special protective equipment required if this product is involved in a fire.

**Flash Point:** This product will not flash and does not support combustion.

**Flammability:** This product is not flammable under the conditions of use and does not support combustion.

## Section 6. ACCIDENTAL RELEASE MEASURES

### Spills & Disposal

Note: spillages are slippery. Wear appropriate protective equipment. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain the spillage using a suitable non-flammable absorbent material such as sand or diatomaceous earth and then transfer into sealed plastic containers for disposal.

## Section 7. HANDLING AND STORAGE

Store in plastic containers in a clean, dry, cool, well ventilated place away from foodstuffs. Keep containers sealed when not in use. It is recommended that this product be dispensed through approved dispensers.

## Section 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### National Exposure

No value assigned by NOHSC for any ingredients used in this product.

Not required under normal conditions of use. Wear chemical goggles if handling large amounts and if splashing is likely to occur. Eng. Controls Natural ventilation adequate under normal conditions of use.

## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Liquid	<b>Colour:</b>	Yellow
<b>Flashpoint (°C):</b>	Not applicable	<b>Boiling Point (°C):</b>	102
<b>Flammability Limits (%):</b>	Not flammable	<b>Vapour Pressure:</b>	Not available
<b>Water Solubility:</b>	Complete	<b>Specific Gravity:</b>	1.03
<b>pH:</b>	7.5 to 8.5	<b>Odour:</b>	Lemon Lime

### Section 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Hazardous polymerization will not occur
<b>Stability:</b>	Considered stable. For extended storage life, store below 30°C and keep out of direct sunlight.
<b>Hazardous Polymerisation:</b>	Will not occur.
<b>Materials to Avoid:</b>	Strong oxidising agents. Acids
<b>Conditions to Avoid:</b>	No known conditions to avoid.

### Section 11. TOXICOLOGY INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.

#### Information on Route of Exposure Acute Toxicity:

<b>Ingestion:</b>	No effects known
<b>Eye Contact:</b>	No effects known
<b>Skin Contact:</b>	No effects known
<b>Inhalation:</b>	In large amounts can cause headache, nausea and mucous membrane irritation
<b>Skin Corrosion/Irritation:</b>	Not classified
<b>Serious Eye Damage/Irritation:</b>	Not classified
<b>Respiratory or Skin Sensitisation:</b>	Not classified
<b>Germ Cell Mutagenicity:</b>	Not classified
<b>Carcinogenicity:</b>	Not classified
<b>Reproductive Toxicity:</b>	Not classified
<b>Specific Target Organ Toxicity (STOT) – Single Exposure:</b>	Not classified
<b>Specific Target Organ Toxicity (STOT) – Repeated Exposure:</b>	Not classified
<b>Aspiration Hazard:</b>	Not classified
<b>Immediate, Delayed or Chronic Health Effects From Exposure:</b>	None known

### Section 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No product data available.
<b>Persistence and Degradability:</b>	Not readily biodegradable.
<b>Bioaccumulative Potential:</b>	Low bioaccumulation potential.
<b>Mobility in Soil:</b>	Low sorption to soil/sediment, moderate migration to ground water. (Estimated Log KOC value (EpiSuite 4.1 KOCWIN) <1)

**Section 13. DISPOSAL CONSIDERATIONS**

**Disposal methods:** Refer to Waste Management Authority. Dispose of contents/container in accordance with Local/regional/national/international regulations.

**Section 14. TRANSPORT INFORMATION**

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG 7.3) for transport by Road and Rail.

<b>UN Number:</b>	Not Applicable
<b>Proper Shipping Name or Technical Name:</b>	Not Applicable
<b>Transport Hazard Class:</b>	Not Applicable
<b>Packing Group:</b>	Not Applicable
<b>Environmental hazards for Transport Purposes:</b>	Not Applicable

None of the components of this product is considered by IMO to be a Marine Pollutant

**Section 15. REGULATORY INFORMATION**

<b>Poisons Schedule (SUSDP):</b>	Not applicable
<b>HSNO Approval Code:</b>	HSR002530

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS). This document has been produced in accordance with the requirements of the Globally Harmonised System of Classification and Labelling.

**Section 16. OTHER INFORMATION**

**Date of issue:** 12<sup>th</sup> May 2020

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier

### **Abbreviations and acronyms:**

ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail.

AICS: Australian Inventory of Chemical Substances.

CAS Number: Chemical Abstracts Service Registry Number.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals.

HAZCHEM: An emergency action code of numbers and letters which gives information to emergency services.

HSIS: Hazardous Substances Information System.

IARC: International Agency for Research on Cancer.

NOHSC: National Occupational Health and Safety Commission.

NTP: National Toxicology Program (USA).

SDS: Safety Data Sheet

STEL: Short Term Exposure Limit.

SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons.

TWA: Time Weighted Average.

UN Number: United Nations Number.

### **Literature references:**

- Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (Safe Work Australia)
- GHS Hazardous Chemical Information List (Safe Work Australia)
- Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. Safe Work Australia.
- Global Harmonized System of Classification and Labelling of Chemicals • “Australian Exposure Standards”
- Australian Code for The Transport Of Dangerous Goods By Road And Rail
- Standard for the Uniform Scheduling of Medicines and Poisons
- Safety Data Sheets – individual raw materials – Suppliers.
- Approved Criteria for Classifying Hazardous Substances NOHSC:1008(1999)]
- Hazardous Substance Information System – National Worksafe Data Base.
- Hazardous Chemical Information System (HCIS).
- Implementation of the globally harmonised system of classification and labelling of chemicals (GHS).
- ECHA (European Chemicals Agency)

End