

# Material Safety Data Sheet

Disinfectant Commercial

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**ISSUED:** April 2012

**PRODUCT NAME:** Disinfectant Commercial Grade (C.G.)

**OTHER NAMES:** Lemon Disinfectant C.G.  
Pine Disinfectant C.G.  
Eucalyptus Disinfectant C.G.  
Spice Disinfectant C.G.  
Summer Breeze Disinfectant C.G.  
Water Lilly Disinfectant C.G.  
Lavender Disinfectant C.G.  
Cottage Rose Disinfectant C.G.  
Apple Disinfectant C.G.  
Powder Puff Disinfectant C.G.  
Garden Mint Disinfectant C.G.  
Tuti Fruity Disinfectant C.G.  
Heavy Duty Disinfectant C.G.

**RECOMMENDED USE:** General Purpose Disinfecting

**SUPPLIER NAME:** Town & Country Chemicals Pty Ltd

**SUPPLIER ADDRESS:** Unit 5, Lot 9 Catamaran Road  
Fountaindale  
NSW, 2258  
Australia

**TELEPHONE:** Enquiries/Emergencies (02) 4388 3711 (Business Hours)  
Poisons Information 131126 (All Hours)

## 2. HAZARDS IDENTIFICATION

**Hazard Classification:** Classified as Hazardous according to criteria of NOHSC.

**Hazard Category:** Xi – IRRITANT

**Risk Phrase:** R36 - Irritating to eyes.  
R38 - Irritating to skin.

**Safety Phrases:** S1 – Keep locked up  
S2 - Keep out of reach of children  
S24/25 - Avoid skin and eye contact.  
S26 – In case of contact with eyes, rinse immediately with plenty of water, and contact a Doctor.  
S28 – After contact with skin, wash immediately with plenty of soap suds.

*POISONS SCHEDULE (SUSMP) Schedule 5.*

*ADG Classification: Not classified*

*ADG Shipping Name: Not classified.*

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	PROPORTION (%)
Benzalkonium Chloride	68424-85-1	<5%
Non-hazardous Surfactants	Mixed	<5%
Other Non-Hazardous ingredients	Mixed	<10%
Water	7732-18-5	To 100%

#### 4. FIRST AID MEASURES

- Ingestion:** DO NOT induce vomiting, rinse mouth thoroughly with water. Give a glass of water to dilute material in the stomach. Seek medical advice or contact the Poisons Information Centre. Never give anything by mouth to an unconscious person.
- Eye:** Immediately irrigate with copious quantities of lukewarm, gently flowing water for AT LEAST 15 minutes holding the eyelids open. Take care not to rinse contaminated water into the non-affected eye. If irritation persists, obtain medical attention without delay. Skilled personnel should only undertake removal of contact lenses.
- Skin:** Immediately wash contaminated area with plenty of lukewarm **soapy** water. For gross contamination, immediately drench with water and remove contaminated clothing, jewellery and shoes. Decontaminate clothing before re-use. Seek medical attention in the event of prolonged irritation.
- Inhaled:** Risk of side effects from inhalation is considered to be Low and no first aid measures are normally required. If vapour or mists have been inhaled, remove victim to fresh air and observe till fully recovered. If irritation becomes painful or persists more than 30 minutes, seek medical attention.

#### 5. FIRE FIGHTING MEASURES

- Suitable Extinguishing Media:** Water fog (or if unavailable fine water mist or spray), foam or dry agent (carbon dioxide, chemical dry powder).
- Hazards from combustion products:** Non-combustible material. No risk of explosion from this product if involved in a fire.

#### 6. ACCIDENTAL RELEASE MEASURES

- Small Spills:** Wear personal protective equipment. Contain using sand or diatomaceous earth. Collect and seal in a properly labelled container. Wash the remaining area with soapy water.
- Large Spills:**
- |              |                                                                                                                                                                                                                          |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PRECAUTIONS. | Restrict access to area. Clear the area of unprotected personnel. Provide adequate protective equipment and ventilation.                                                                                                 |
| CLEANUP.     | Contain spill or leak. Do not allow entry into sewers or waterways. Dyking the area with inert material such as sand or earth should contain spilled solutions. Solutions can be neutralised with detergent/soapy water. |
| DISPOSAL.    | Federal, State and local government regulations should be reviewed prior to disposal. Harmful to aquatic life in high concentrations.                                                                                    |

#### 7. HANDLING AND STORAGE

- Handling:** Avoid generating mist or spray. When diluting solution, add water carefully. Label containers. Keep containers closed and upright when not in use. Empty containers may contain hazardous residues. Use smallest amounts in designated areas with adequate ventilation. Have emergency equipment (for fires, spills, leaks etc.) readily available.
- Storage:** Store in suitable labelled containers. Keep containers tightly closed when not in use or empty. Protect from damage. Containers made of inert plastic are preferred. Storage tanks should be above ground and surrounded by dyke capable of holding entire contents. Limit quantity of material in storage. Restrict access to storage area. Post warning signs where appropriate. Keep storage area separate from populated work areas. Inspect periodically for deficiencies such as damage or leaks.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Standards:** None assigned for this mixture.

**Engineering Controls:** Engineering control methods that reduce hazardous exposures are preferred. General methods include mechanical ventilation, dilution and general exhaust, process or personnel enclosure, control of process conditions and process modification (e.g. substitution of less hazardous material). Administrative controls and personal protective equipment may also be required. Exhaust directly to the outside. Use local exhaust ventilation, and process enclosure if necessary, to control airborne mist/sprays.

### Personal Protective Equipment (PPE):

**Respiratory:** If engineering controls and work practices are not effective in controlling exposure to this material, then wear suitable approved respiratory protection equipment meeting the requirements of AS/NZS 1715:2009. Inspect the equipment regularly to ensure that it is in good working order.

**Eye/face Protection:** Splash proof chemical safety goggles meeting AS/NZS 1336:1997 & AS/NZS 1337.6:2007.

**Skin Protection:** Impervious rubber or PVC gloves meeting AS/NZS 2161. Full coveralls meeting AS 2919 and rubber boots meeting AS2210 may be necessary for tasks involving large quantities or movement of product or where splashing is a risk.

A safety shower or eye wash fountain should be readily available.

Wash hands thoroughly after handling this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance/Odour:** Clear low viscosity liquid, Colours and fragrance as listed below:

Lemon – Yellow  
 Pine – Green  
 Eucalyptus – Blue or Green  
 Spice – Brown  
 Summer Breeze – Purple  
 Water Lilly – Purple  
 Lavender – Purple  
 Cottage Rose – Dark Pink/Red  
 Apple – Green  
 Powder Puff – Brown  
 Garden Mint – Green  
 Tuti Fruity – Pink  
 Heavy Duty - Light Brown

**Melting Point:** Liquid at normal temperatures.  
**Boiling Point:** Approx. 100? C  
**Density at 15.5C** 1.05 grams/mL (approximately)  
**Solubility:** Complete  
**pH (as is):** 12.4  
**Flash Point:** Not combustible  
**Volatiles:** Water Component  
**Flammable Limits:** Not flammable

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** This product is stable and unlikely to react or decompose under normal storage conditions.

**Incompatible Materials:** Anionic Surfactants

**Conditions to Avoid:** Mixing with Soaps/Detergents

**Hazardous Decomposition Products:** None.

**Hazardous Reactions:** None.

## 11. TOXICOLOGICAL INFORMATION

**Health Effects:** No adverse health effects expected if the material is handled in accordance with the Material Safety Data Sheet. Available data suggests that the product is a mild irritant to the skin and eyes.

### Acute Effects

**Swallowing:** This product is a mild irritant to the oral system.  
**Eye:** Product may be irritating to the eyes. May cause transient blindness if not treated promptly.  
**Skin:** Product may be irritating to the skin. Long term exposure may lead to contact dermatitis.  
**Inhaled:** Not harmful by inhalation. The vapour may be an irritant to the mucous membranes and respiratory tract. Severe injury is usually avoided by self-limiting coughing and sneezing symptoms.

**Long Term Effects:** Repeated or prolonged skin contact can cause chronic contact dermatitis. Persons with pre-existing skin disorders or eye problems, or impaired kidney or respiratory function may be more susceptible to the effects of the substance. Continued irritation may lead to increased susceptibility to respiratory illness. No documented data available.

**Toxicity Data:** Not Classified.

*More detailed information about the effects of chemicals on health can be obtained from NOHSC Australia.*

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No ecological information is available for this product, however it is not considered harmful to aquatic organisms.

**Persistence and Degradability:** The majority of ingredients of this product biodegrade naturally and the remainder will be slowly neutralised in most situations.

## 13. DISPOSAL CONSIDERATIONS

**Disposal Methods and Containers:** Containers should be completely emptied prior disposal. If possible recycle containers, in-house or via a recycle company. If this is not practical, send to a commercial waste disposal site. Do NOT dispose into sewers or waterways.

## 14. TRANSPORT INFORMATION

UN Number: 1760  
 UN Proper Shipping Name: None assigned  
 Dangerous Goods Class: Not classified  
 Subsidiary Risk: Not applicable  
 Hazchem Code: 2R  
 Packing Group: III  
 EPG Code: None assigned

**15. REGULATORY INFORMATION**

Classified as Hazardous according to the criteria of Worksafe (NOHSC) Australia, Schedule 5 poison according to SUSDP (Standard for the Uniform Scheduling of Drugs and Poisons).  
All constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

**16. OTHER INFORMATION**

**Date Of Revision of this MSDS:** **April 2012**

**References:**

- (1) National Code of Practice for the Preparation of Material Safety Data Sheets 2<sup>nd</sup> Edition [NOHSC:2011(2003)].
- (2) Approved Criteria For Classifying Hazardous Substances [NOHSC:1008 (2004)]
- (3) List of Designated Hazardous Substances [NOHSC:10005 (1999)].
- (4) Standards Australia SAA/SNZ HB76:2010 "Dangerous Goods – Initial Response Guide" (2010)
- (5) Australian Dangerous Goods Code 7<sup>th</sup> Edition (2007).

MSDS are updated frequently. Please ensure that you have a current copy (not more than 5 years old).

PLEASE NOTE there may be uses or applications of this product, which is protected by patents. Customers in their own interests should take the necessary steps to avoid infringement of such patents. This MSDS summarises our best knowledge of the health and safety hazard information of the product; how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled and used. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Town and Country Chemicals Pty Ltd. Our responsibility for products sold is subject to our standard terms and conditions.

**End MSDS**