



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** GUARD DISINFECTANT CONCENTRATE

Blossom, Eucalyptus, Lavender, Lemon Paradise or Pine

**Product Use:** Concentrate of a Sanitising Cleaner.

Miro's General Cleaning Services P/L trading as ATOMIC CHEMICALS

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**Emergency Telephone Number:** 13 11 26

## 2. HAZARDS IDENTIFICATION

**GHS Classification:** Skin Corrosion/Irritation, Category 1A

Senitisation – Skin, Category 1

**Pictograms:**



**Signal Word:** DANGER

**Hazard Statements:**

H314: Causes severe skin burns and eye damage

H317: May cause an allergic skin reaction

**Precautionary Statements:**

**Prevention**

P264: Wash hands thoroughly after handling.

P260: Do not breathe dusts or mists.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P272: Contaminated work clothing should not be allowed out of the work place.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

P301+P330+P331: IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363: Wash contaminated clothing before reuse.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P310: Immediately call a POISON CENTER or doctor/physician.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage**

P405: Store locked up.

**Disposal**

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



### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### Ingredients

| <u>Chemical Name:</u>   | <u>CAS Number:</u> | <u>Proportion %:</u> |
|-------------------------|--------------------|----------------------|
| Dodecyl dimethyl benzyl | 139-07-1           | 10-30                |
| Ammonium chloride       |                    | >30                  |
| Ethoxylated alcohol     | 68131-39-5         | 10-30                |
| Perfume                 | non-haz            | <10                  |
| Dye                     | non-haz            | <1                   |
| Water                   | 7732-18-5          | 30-60                |

### 4. FIRST AID MEASURES

**Poisons Information Centre: Phone 13 11 26**

#### First Aid

**Swallowed:** Contact a doctor or Poisons Information Centre. Do not induce vomiting. Rinse mouth with water and give glass of water. Never give anything by mouth to an unconscious person.

**Eye:** Immediately hold the eyes open and rinse continuously with plenty of water for at least 15 minutes and contact a doctor or Poisons Information Centre.

**Skin:** Remove any contaminated clothing and immediately wash contaminated skin with plenty of water. If irritation occurs, seek medical attention.

**Inhaled:** Remove affected person to fresh air. Seek medical attention if effects persist.

**First Aid Facilities:** Eye wash station.

**Advice to Doctor:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**Explosion Hazard:** Guard Disinfectant is not combustible.

**Fire Fighting Procedures:** Normal firefighting procedures may be used.

**Extinguishing Media:** Foam, CO<sub>2</sub>, Dry chemical or Water fog.

### 6. ACCIDENTAL RELEASE MEASURES

**Spill Control:** Contain large spills. Absorb with oil-dry or similar inert material. Avoid contact to skin and eyes. Place in a suitable, labelled container for waste disposal. Do not let spilled or leaking material enter drains and waterways. Neat material toxic to aquatic life.

### 7. HANDLING AND STORAGE

**Handling and Storage:** Wash thoroughly after handling. Keep from freezing. Keep out of reach of children.

### 8. EXPOSURE CONTROL / PERSONAL PROTECTION

**Exposure limits:** N/A

**Engineering Controls:** No special ventilation required.

**Personal Protection:** Eye: Avoid contact. Wear safety glasses.

Skin: Avoid contact. Wear impervious gloves. Wash hands thoroughly with soap and water after handling.

Inhalation: Avoid breathing spray mists and/or vapours.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical Description/Properties

Appearance/Odour: Clear semi-viscous coloured liquids with characteristic fragrances

Boiling Point/Melting Point: 100°C

Vapour Pressure: Not determined

Specific Gravity: 1.02

Flashpoint: Not determined

Flammability Limits: Not determined

Solubility in Water: Complete

Evaporation Rate: Not determined

pH: 8.5

## 10. STABILITY AND REACTIVITY

**Stability:** Stable

**Reactivity:** N/A

## 11. TOXICOLOGICAL INFORMATION

### Health Effects: *Acute*

Swallowed: Toxic - liable to cause nausea and vomiting. May cause tissue damage to mouth and gullet. Ingestion of concentrated product could be fatal.

Eye: Corrosive. May cause permanent injury and impairment of vision.

Skin: Corrosive. May be severe with sensitive individuals or after repeated contact. Prolonged or repeated exposure may lead to dermatitis.

Inhaled: Not considered to be an inhalation hazard. Aspiration (breathing in) of liquid spray or mist is liable to cause severe irritation and damage to respiratory tract.

**Health Effects: *Chronic:*** Repeated or prolonged exposure may cause allergic contact dermatitis.

## 12. ECOLOGICAL INFORMATION

**Volatile Organic Compounds:** Prevent neat material entering waterways, it is toxic to aquatic life.

## 13. DISPOSAL CONSIDERATION

**Disposal Method:** No special method. Observe all applicable governmental regulations and Local ordinances regarding disposal of non-hazardous materials.

## 14. TRANSPORT INFORMATION

**UN Number:** 2922

**Hazchem Code:** 2X

**Transport of Dangerous Goods:** PGII

**Dangerous Goods Class and Subsidiary Risk:** Class 8

## 15. REGULATORY INFORMATION



**Poison Schedule:** 5

**AICS:** All chemicals listed on the Australian Inventory of Chemicals Substances(AICS)

## 16. OTHER INFORMATION

LD50 (Acute Oral Toxicity): Not determined  
(LD50 in rats for Quaternary ammonium compounds  
is 240 - 600 mg/kg)

LD50 (Acute Dermal Toxicity): Not determined

Fish Toxicity: Not determined

Biodegradability: The surfactants are biodegradable per the Australian standard AS1792.  
Quaternary ammonium compounds are ultimately biodegradable

### Abbreviations and Definitions of terms used:

|          |   |
|----------|---|
| <        | less than   |
| >        | greater than  |
| %        | percentage  |
| Cu.m     | Cubic metre   |
| deg C    | Degrees Celsius   |
| g        | gram  |
| kg       | kilogram  |
| LD50     | The dose (swallowed all at once) which is lethal to 50% of a group of test animals. |
| mg       | milligram   |
| miscible | A liquid that mixes homogeneously with another liquid                               |
| ppm      | parts per million   |

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