



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: GUARD DISINFECTANT CONCENTRATE
Blossom and Lemon

Product Use: Concentrate of a Sanitising Cleaner.

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

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2. HAZARDS IDENTIFICATION

GHS Classification: Skin Corrosion/Irritation, Category 1A
Sensitisation – 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, CO₂, 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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