



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: GUARD Disinfectant

BLOSSOM GUARD ; LEMON GUARD; SPICE GUARD.

Product Use: Commercial strength disinfectant.

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: Eye Irritation, Category 2B

Signal Word: WARNING

Hazard Statements:

Causes eye irritation

Precautionary Statements:

Response

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

P337+P313: If eye irritation persists: Get medical advice/attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients

<u>Chemical Name:</u>	<u>CAS Number:</u>	<u>Proportion %:</u>
Dodecyl dimethyl benzyl	139-07-1	<10
Ammonium chloride		>20 - 30
C12-C14 Alcohols Ethoxylated	9002-92-0	<10
Sodium Tripolyphosphate	7758-29-4	<10
Dye	non-haz	<0.1
Water	7732-18-5	>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: No explosion sensitivity.
Firefighting 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 and mop up. Avoid contact to eyes. Use absorbent (soil or sand, sawdust) material to collect. Slippery when spilt. Place in a suitable, labelled container for waste disposal. Do not let spilled or leaking material enter drains and waterways.

7. HANDLING AND STORAGE

Handling and Storage: Keep containers closed at all times - check regularly for leaks.
Keep out of reach of children.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure limits: Sodium Tripolyphosphate 2 mg/m³ TWA
Engineering Controls: No special ventilation required.
Personal Protection: Eye: Safety glasses/goggles are recommended.
Skin: Avoid contact, wear impervious gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Description/Properties

Appearance/Odour: Clear yellow coloured liquid with characteristic fragrances.

Boiling Point/Melting Point: 100°C

Vapour Pressure: Not determined

Specific Gravity: 1.0

Flashpoint: Not determined

Flammability Limits: Not determined

Solubility in Water: Complete

Evaporation Rate: Not determined

pH: 8.5 - 9.5

10. STABILITY AND REACTIVITY

Stability: Stable

Reactivity: N/A



11. TOXICOLOGICAL INFORMATION

Health Effects: *Acute*

Swallowed: May cause slight irritation to the gastro-intestinal tract.

Eye: May cause eye Irritation. Prolonged contact causes slight irritation.

Skin: Prolonged or repeated contact may cause mild irritation to sensitive skin. If irritation occurs discontinue use.

Inhalation: No effects.

Health Effects: *Chronic*: None Known

12. ECOLOGICAL INFORMATION

Volatile Organic Compounds: Not determined.

Avoid contaminating waterways.

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: None allocated

Hazchem Code: None allocated

Transport of Dangerous Goods: None allocated

Dangerous Goods Class and Subsidiary Risk: None allocated

15. REGULATORY INFORMATION

Poison Schedule: A poison schedule number has not been allocated to this product using the criteria in the standard for the uniform scheduling of Drug and Poison (SUSDP).

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 Benzalkonium Chloride is 240 - 600 mg/kg which approximates to an LD50 of 12 - 30 grams/kg for Guard which can be considered as relatively harmless when used as per the directions for use.)

LD50 (Acute Dermal Toxicity): Not determined

Carcinogenicity: None Known

Teratogenicity: None Known

Mutagenicity: None Known

Fish Toxicity: Not determined

Biodegradability: The surfactants are biodegradable per the Australian standard AS1792.

16. OTHER INFORMATION Conti...



Abbreviations and Definitions of terms used:

<	less than
>	greater than
%	percentage
AICS	Australian Inventory of Chemical Substances
deg C	Degrees Celsius
g	gram
kg	kilogram
LD50	The does (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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