



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: SUPERKLEEN Alkaline Cleaner and Sanitiser

Product Use: Heavy duty alkaline detergent cleaner and Sanitiser.

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

A.C.N 005 300 201 / A.B.N 77 005 300 201

Factory 1 / 65 Bond Street West

Mordialloc Vic 3195

Telephone: 03 9580 2766

Fax: 03 9580 4922

Email: atomic@cosmos.net.au

Web: www.atomicchemicals.com.au

Emergency Telephone Number: 13 11 26

2. HAZARDS IDENTIFICATION

GHS Classification: Skin corrosion/ irritation – Category 2

Serious eye damage/ eye irritation – Category 2A

Pictograms:



Signal Word: WARNING

Hazard Statements:

H315: Causes skin irritation

H319: Causes serious eye irritation

Precautionary Statements:

Prevention:

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves.

Response:

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P332 + P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

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.

Storage:

P405: Store locked up

Disposal:

P501: Dispose of contents/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>
Surfactants (Propriety Blend)	non-haz	10 - 30
2-Butoxyethanol	111-76-2	<10
Quaternary ammonium compound	139-07-1	<10
Sodium Metasilicate, Pentahydrate	6834-92-0	<10
Sodium Tripolyphosphate	7758-29-4	<10
Tetra Sodium Salt of EDTA	64-02-8	<1
Technical Red Dye	3567-69-9	<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

Fire/Explosion Hazard: Superkleen is not combustible.

Firefighting Procedures: Normal firefighting procedures.

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: Avoid contact to skin and eyes.

Storage: Store in a cool, dry place well-ventilated place out of direct sunlight. Wash thoroughly after handling. Keep from freezing. Keep container closed at all times – check regularly for leaks. Keep out of reach of children.

Segregation: Avoid storage with strong acids, combustible material and foodstuffs.

8. EXPOSURE CONTROL /PERSONAL PROTECTION

Exposure Limit: 2-Butoxyethanol 25ppm ACGIH & NOHSC TWA (skin)

Engineering Controls: Provide adequate ventilation. Avoid breathing vapour of product. Use with adequate ventilation.

Personal Protection: Respiratory: If mists/vapors are not adequately controlled by local ventilation, use an organic vapor respirator to prevent overexposure.

Eye: Safety glasses are recommended.

Skin: Impervious gloves are recommended. Avoid prolonged contact, wash thoroughly with water.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Description/Properties

Appearance/Odour: Purple liquid with characteristic odour.

Boiling Point/Melting Point: 100°C

Vapour Pressure: Not determined

Specific Gravity: 1.07

Flashpoint: Not determined

Flammability Limits: Not determined

Solubility in Water: Complete

Evaporation Rate: Not determined

pH: 11.0

10. STABILITY AND REACTIVITY

Stability: Stable.

Reactivity: Avoid mixing with strong acids.

11. TOXICOLOGICAL INFORMATION

Health Effects: *Acute*

Swallowed: May cause: Nausea. Abdominal discomfort. Irritation to mucous membranes.

Eye: May cause: Eye Irritation.

Skin: May cause: Skin Irritation. 2-Butoxyethanol is readily absorbed through the skin.

Inhaled: May cause: Irritation to mucous membranes. Prolonged exposure may cause: Headache, Nausea.

Health Effects: *Chronic:* Individuals with chronic respiratory disorders such as asthma, chronic bronchitis emphysema, etc., may be susceptible to irritating effects if ventilation is inadequate.

12. ECOLOGICAL INFORMATION

Volatile Organic Compounds: This substance may be hazardous to the environment, avoid contaminating waterways.

Biodegradability: The surfactants are biodegradable per the Australian standard AS1792, and the Quaternary ammonium compound is ultimately biodegradable.

13. DISPOSAL CONSIDERATIONS

Disposal Method: No special method. Observe all applicable governmental regulations and local ordinances regarding disposal of 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

Poisons Schedule Number: 5

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

16. OTHER INFORMATION

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
mg	milligram

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