



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: AMMOKLEEN

Product Use: Commercial cleaning product, ammoniated detergent for windows and hard surfaces.

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

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

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Emergency Telephone Number: 13 11 26

2. HAZARDS IDENTIFICATION

GHS Classification: Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Irritation, Category 2A
Specific Target Organ Toxicity (Single Exposure), Category 3

Pictograms:



Signal Word: WARNING

Hazard Statements:

H315 - Causes skin irritation

H319 - Causes serious eye

H335 - May cause respiratory irritation

Precautionary Statements:

Prevention

P264: Wash hands thoroughly after handling.

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

P271: Use only outdoors or in a well-ventilated area.

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

Response

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

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

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

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

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

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

P362: Take off contaminated clothing and wash before reuse.

Storage

P405: Store locked up.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

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>
Surfactant's (Propriety blend)	NON-HAZ	<10
Sodium Tripolyphosphate	7758-29-4	<10
Alkylbenzene Sulphonic Acid	27176-87-0	<10
Sodium Hydroxide	1310-73-2	<1
Ammonium Hydroxide	1336-21-6	<1
Tetra Sodium Salt of EDTA	64-02-8	<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:** Ammokleen is not combustible.
- Firefighting Procedures:** Normal firefighting procedures may be used.
- Extinguishing Media:** Foam, CO₂, Dry chemical or Water fog.

6. ACCIDENTAL RELEASE MEASURE

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.

7. HANDLING AND STORAGE

- Handling:** Avoid contact to skin and eyes.
- Storage:** Store in a cool, dry place with adequate ventilation. Wash thoroughly after handling. Keep from freezing. Keep container closed at all times. Keep out of reach of children.
- Segregation:** Avoid storage with strong acids and foodstuffs.



8. EXPOSURE CONTROL / PERSONAL PROTECTION

- Exposure Limits:** TWA = 25ppm (17mg/cu.m) (Ammonia)
STEL = 35ppm (24mg/cu.m) (ammonia)
[Source: Safe Work Australia HSIS 2011]
- Engineering Controls:** Provide adequate ventilation. Avoid breathing vapour of product. Use with adequate ventilation.
- Personal Protection:** Eye: Safety glasses are recommended.
Skin: Wear suitable impervious plastic or rubber gloves. Avoid prolonged contact, wash hands thoroughly with water.
Respiratory: Use with adequate ventilation. Wear an appropriate safety mask, if exposed to concentrated vapour from product.
Always wash hands before eating, drinking, smoking or using the toilet.
- Flammability:** Not applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Description/Properties

Appearance/Odour: Fluro Pink liquid with ammonia odour

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

Other Properties:

Reactivity: Not determined

Evaporation Rate: Not determined

pH: 11.0

Volatile Organic Compounds: Not determined

10. STABILITY AND REACTIVITY

Stability: Incompatible with acids and strong oxidizing agents.

Reactivity: May react with acids and strong oxidants.

11. TOXICOLOGICAL INFORMATION

Health Effects: *Acute*

Swallowed: This product is irritating to the gastro-intestinal tract. Ingestion may result in nausea, abdominal discomfort, pain and vomiting.

Eye: May cause: Eye Irritation.

Skin: Prolonged or repeated contact may cause: Skin Irritation.

Inhaled: May cause: Irritation to mucous membranes.

Health Effects: *Chronic*: Repeated or prolonged skin contact may cause swelling, redness, blistering or dermatitis.



12. ECOLOGICAL INFORMATION

Volatile Organic Compounds: Not determined

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

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Disposal of Containers: TRIPLE RINSE empty container thoroughly with water before offering for recycling or disposal collection.

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

Explosion Hazard: No explosion sensitivity.

14. TRANSPORT INFORMATION

UN Number: None allocated

Dangerous Goods Class and Subsidiary Risk: None allocated

Hazchem Code: None allocated

Poisons Schedule Number: None allocated

15. REGULATORY INFORMATION

Poison Schedule: Schedule 5

16. OTHER INFORMATION

Abbreviations and Definitions of terms used:

<	less than
>	greater than
deg C	Degrees Celsius
g	gram
kg	kilogram
mg	milligram
ppm	parts per million
TWA	Time Weighted Average
STEL	Short Term Exposure Limit

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