

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: KLEENGLASS

Product Use: Commercial grade machine glass washing detergent.

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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Web: www.atomicchemicals.com.au

Emergency Telephone Number: 13 11 26

2. HAZARDS IDENTIFICATION

GHS Classification: Skin Corrosion/Irritation, Category 1A

Pictograms:



Signal Word: DANGER

Hazard Statements:

H314: Causes severe skin burns and eye damage

Precautionary Statements:

Prevention

P264: Wash hands thoroughly after handling.

P260: Do not breathe dusts or mists.

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>
Disodium Metasiliacte	6834-92-0	<10
Sodium Hydroxide	1310-73-2	<10
Sodium Gluconate	527-07-1	<10
Surfactant (Proprietary blend)	non-haz	<10



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 and for strongly alkaline material.

5. FIRE FIGHTING MEASURES

Fire/Explosion Hazard: Kleenglass is not combustible

Fire Fighting Procedures: Normal fire-fighting procedures. Fire fighters to wear fully encapsulating, gas-tight suits for maximum protection.

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: Store in a well-ventilated place out of direct sunlight. Store away from acid, oxidizing agents, combustible materials and foodstuffs. Keep containers closed at all times - check regularly for leaks.

Segregation: Store away from acids and oxidizing agents.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure limits:

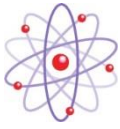
Disodium Metasiliacte	2mg/m ³ Peak limitation
Sodium Hydroxide	2mg/m ³ Peak limitation
Sodium Gluconate	10mg/m ³ TWA

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

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

Eye: Full wrap around Safety goggles.

Skin: Impervious Long Nitrile Gloves / PVC Apron / Safety Shoes



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Description/Properties

Appearance/Odour: Clear fluorescent yellow liquid with faint odour.

Boiling Point/Melting Point: 100°C

Vapour Pressure: Not determined

Specific Gravity: 1.10

Solubility in Water: Complete

Evaporation Rate: Not determined

pH: >13.0

10. STABILITY AND REACTIVITY

Stability: Stable

Reactivity: Avoid mixing with strong acids and oxidising agents.

11. TOXICOLOGICAL INFORMATION

Health Effects: Acute: Corrosive to all body tissue on contact.

Swallowed: Will cause: Corrosive damage to mouth, throat and stomach.

Eye: Will cause: Chemical burns and/or Permanent eye damage.

Skin: Will cause: Chemical burns.

Inhaled: Will cause: Irritation and/or chemical burns 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.*

12. ECOLOGICAL INFORMATION

Volatile Organic Compounds: This product is corrosive and poisonous in large concentrations. May cause adverse effect in aquatic environment. Avoid contaminating waterways, drains, sewers or ground.

13. DISPOSAL CONSIDERATION

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

14. TRANSPORT INFORMATION

UN Number: 1719 CAUSTIC ALKALI LIQUID N.O.S

Hazchem Code: 2R

Transport of Dangerous Goods: 8

Dangerous Goods Class and Subsidiary Risk: PGII

Contains: Sodium Hydroxide & Sodium Metasilicate



15. REGULATORY INFORMATION

Poison Schedule: 6

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

16. OTHER INFORMATION

LD50 (Acute Oral Toxicity): Corrosive.

LD50 (Acute Dermal Toxicity): Corrosive

Carcinogenicity: None Known

Teratogenicity: None Known

Mutagenicity: None Known

Fish Toxicity: Not determined

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

Abbreviations and Definitions of terms used:

< less than

> greater than

% percentage

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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