



**ATOMIC  
CHEMICALS**

MANUFACTURERS OF HIGH PERFORMANCE CLEANING CHEMICALS

**Safety Data Sheet**

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**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

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**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 Metasiliactate	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, CO<sub>2</sub>, 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<sup>3</sup> Peak limitation

Sodium Hydroxide 2mg/m<sup>3</sup> Peak limitation

Sodium Gluconate 10mg/m<sup>3</sup> 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

Mutagenecity: 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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