



## 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

Factory 1 / 65 Bond Street West

Mordialloc Vic 3195

Telephone: 03 9580 2766

Fax: 03 9580 4922

Email: atomicchemicals@outlook.com

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 (Propriety 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

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

This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained herein. Atomic Chemicals accepts no tortious or contractual liability for any loss or damages suffered as a consequence of reliance on the information and advice contained herein. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State and local laws and regulations. Where health or safety data given discloses a risk to the user or environment, it is the responsibility of the Purchaser to pass on that information to employees or those who may be using the product, ensuring that adequate safety procedures are used including good industrial hygiene.