



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name: DETERGENT 4000 MDP Machine Dishwasher Powder**

**Product Use:** Commercial Machine Dishwashing Powder

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:** Acute Toxicity- Inhalation, Category 3

Skin Corrosion/Irritation, Category 1B

Specific Target organ Toxicity (Single Exposure), Category 3

**Pictograms:**



**Signal Word: DANGER**

**Hazard Statements:**

H314: Causes severe skin burns and eye damage

H332: Toxic if inhaled

H335: May cause respiratory irritation

**Precautionary Statements:**

**Prevention**

P264: Wash hands thoroughly after handling.

P260: Do not breathe dusts or mists.

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

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.

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>
Sodium Carbonate	497-19-8	30 – 60
Sodium Metasilicate	6834-92-0	10 - 30
Sodium Tripolyphosphate	7758-29-4	10 - 30
Tetrasodium Orthophosphate	7601-54-9	<10
Sodium Dichloroisocyanuric acid	2893-78-9	<10
Propoxylated Alcohol Ethoxylate	37311-00-5	<10

## 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:** Detergent 4000 is not combustible.

**Firefighting Procedures:** Normal fire-fighting procedures may be used.

**Extinguishing Media:** Foam, CO<sub>2</sub>, Dry chemical or Water fog.

## 6. ACCIDENTAL RELEASE MEASURES

**Spill Control:** Sweep or scrape up. Avoid contact to eyes. Place in a suitable, labelled container for waste disposal. Do not let material enter drains and waterways.

## 7. HANDLING AND STORAGE

**Handling and Storage:** Store in a cool, dry place with adequate ventilation. Wash hands thoroughly after handling. Keep out of reach of children.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

<b>Exposure limits:</b> Sodium Carbonate	2mg/m <sup>3</sup> TWA
Sodium Metasilicate	2mg/m <sup>3</sup> TWA
Sodium Tripolyphosphate	2mg/m <sup>3</sup> TWA
Tetrasodium Orthophosphate	2mg/m <sup>3</sup> TWA

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

**Personal Protection:** Eye: Avoid contact, safety glasses are recommended.

Skin: Avoid contact, Wear suitable impervious rubber gloves

Inhalation: For prolonged use a particle mask is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES



### Physical Description/Properties

Appearance/Odour: White Powder  
Boiling Point/Melting Point: Not determined  
Vapour Pressure: Not determined  
Specific Gravity: Not determined  
Flashpoint: Not determined  
Solubility in Water: Soluble  
Evaporation Rate: Not determined  
pH(500g/L solution): 12

### 10. STABILITY AND REACTIVITY

**Stability:** Stable  
**Reactivity:** Avoid mixing with acids

### 11. TOXICOLOGICAL INFORMATION

**Health Effects - Acute:** *Chemical burns to skin and throat.*

Swallowed: Will cause: Nausea, Abdominal discomfort and/or Damage to mucous membranes.

Eye: Will cause: Eye Irritation.

Skin: Will cause: Chemical burns to skin.

Inhaled: Will cause: Irritation to mucous membranes.

**Health Effects: Chronic:** None Known

### 12. ECOLOGICAL INFORMATION

**Volatile Organic Compounds:** Not determined

Avoid contaminating waterways.

### 13. DISPOSAL CONSIDERATIONS

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

### 14. TRANSPORT INFORMATION

<b>UN Number:</b>	None allocated
<b>Hazchem Code:</b>	None allocated
<b>Transport of Dangerous Goods:</b>	None allocated
<b>Dangerous Goods Class and Subsidiary Risk:</b>	None allocated

### 15. REGULATORY INFORMATION

**Poison Schedule:** 5

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

### 16. OTHER INFORMATION

Abbreviations and Definitions of terms used:

< less than



**ATOMIC  
CHEMICALS**

MANUFACTURERS OF HIGH PERFORMANCE CLEANING CHEMICALS

**Safety Data Sheet**

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>	greater than
%	percentage
AICS	Australian Inventory of Chemical Substances
deg C	Degrees Celsius
g	gram
kg	kilogram
mg	milligram
miscible	A liquid that mixes homogeneously with another liquid
ppm	parts per million

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