



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

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: 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, CO₂, 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

Exposure limits: Sodium Carbonate 2mg/m³ TWA

Sodium Metasilicate 2mg/m³ TWA

Sodium Tripolyphosphate 2mg/m³ TWA

Tetrasodium Orthophosphate 2mg/m³ 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

UN Number: 3262 N.O.S Sodium Metasilicate

Hazchem Code: None allocated

Transport of Dangerous Goods: PG III

Dangerous Goods Class and Subsidiary Risk: Class 8

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

> greater than



**ATOMIC
CHEMICALS**

MANUFACTURERS OF HIGH PERFORMANCE CLEANING CHEMICALS

Safety Data Sheet

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%	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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