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*Disclaimer:*  
CHESSER CHEMICALS Pty Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

## Product: MAGNUM DETERGENT

**HAZARDOUS** according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals

**SIGNAL WORD: DANGER**



 Emergency Response No: **CHEMWATCH 1800 951 288**

### RECOMMENDED PPE



GLOVES



SAFETY GLASSES

### Health hazards

H318

Causes serious eye damage

H315

Causes skin irritation

## 1 IDENTIFICATION

### IDENTIFICATION

Product Code:	MGD
Product Name:	MAGNUM DETERGENT
Other Names:	Not applicable
Product Use:	Automatic Machine Dishwashing Detergent
Restrictions on use:	Use as Directed, avoid contact with skin and eyes, use dispensing equipment provided

### COMPANY DETAILS

Company:	CHESSER CHEMICALS Pty Ltd
ABN Number:	67 008 262 039
Address:	124 Days Road FERRYDEN PARK SA 5010
Telephone Number:	(08) 8406 0000
Facsimile Number:	(08) 8406 0099
Emergency Telephone Number:	CHEMWATCH 1800 951 288

Other Information: This information summarises our best knowledge on the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.



# SAFETY DATA SHEET

CHESSER CHEMICALS

## 2 HAZARD IDENTIFICATION

**HAZARDOUS** according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals

**Classification of the substance or mixture:**

Skin corrosion/irritation - Category 2  
Eye damage/irritation - Category 1

**SIGNALWORD:**

**DANGER**



**Corrosive**

**Hazard Statements**

**Health hazards**

H318 Causes serious eye damage  
H315 Causes skin irritation

**Precautionary statements**

**General precautionary statements**

P102 Keep out of reach of Children

**Prevention precautionary statements**

P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/eye protection

**Response precautionary statements**

P310 Immediately call a POISONS CENTRE or a doctor.  
P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue Rinsing.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P363 Wash contaminated clothing before re-use.

**Poisons Schedule (SUSMP):** S5

## 3 COMPOSITION

**Ingredients**

Chemical Entity	CAS Number	Proportion	Risk Phrases
Potassium Carbonate	[584-08-7]	10– 20%	H315 H319
Tetrasodium EDTA	[13236-36-4]	1 – 10%	H302 H318
Disodium Trioxosilicate	[10213-79-3]	1 – 5%	H314 H318
WATER	[7732-18-5]	> 60%	
Ingredients determined not to be hazardous		Balance	

## 4 FIRST AID MEASURES

**Ingestion:** If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek urgent medical attention.

**Eye:** If in eyes, hold eye lids apart and flush eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek urgent medical attention.

**Skin:** If skin contact occurs, remove contaminated clothing and flush skin and hair with running water. Do not re-use contaminated clothing until washed. Seek medical attention.

**Inhaled:** Remove from contaminated area to fresh air. If problem persists seek urgent medical attention

**First Aid Facilities** Eye wash and normal wash room facilities such as safety shower

**Advice to Doctor** Product is a solution of surface active agents and alkali builders in aqueous solution. Treat symptomatically.

**Medical Conditions Aggravated by Exposure** No information available on medical conditions aggravated by exposure to this product.

## 5 FIRE FIGHTING MEASURES

**Fire Extinguishing Media:** Use appropriate extinguishing media to suit surrounding area.



# SAFETY DATA SHEET

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**Hazards from Combustion:** Product is non-combustible. However packaging material may emit noxious fumes

**Precaution for Fire Fighters:** Wear chemical splash suit and SCBA Keep containers cool by spraying with water.

**Hazchem** None

## 6 ACCIDENTAL RELEASE MEASURES

**Emergency Procedures** Keep unauthorised people away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing

**Clean Up** Spills will be slippery so treat promptly. For minor spills mop up and rinse with water. For larger spills absorb material on mineral absorbent material or absorbent pads. Collect and put into plastic bags and dispose of through waste disposal contractor. Rinse area with water.

## 7 HANDLING AND STORAGE

**Handling** Keep containers closed at all times – check regularly for leaks or spills. Transport and store upright. Avoid eye contact and repeated or prolonged skin contact.

**Storage** Store out of reach of children. Store in original container below 30°C and away from direct sunlight. Keep away from oxidising agents and strong acids. Protect from physical damage. Clean up spills and splashes promptly. Avoid secondary accidents.

## 8 EXPOSURE CONTROL / PERSONAL PROTECTION

**Exposure Standards** None assigned by Safe Work Australia for this product.

**Engineering Controls** Ensure ventilation is adequate to maintain air concentrations below exposure standards.

### Personal Protection Equipment

**EYES:** Safety glasses with side shields (AS1336/1337)

**HANDS:** Wear rubber or PVC gloves (AS2161).

**CLOTHING:** Long-sleeved protective clothing and safety footwear (AS3765/2210).

**Work Hygienic Practices:** No Data Available



## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear red non-foaming liquid

**Boiling Point:** 100°C

**Melting Point:** N/A

**Specific Gravity:** 1.30

**Flash Point:** N/A

**Flammability Limits:** N/A

**Solubility in Water:** Soluble

**Other Properties**

**pH (neat)** 13.2

## 10 STABILITY AND REACTIVITY

**Stability** Stable under normal conditions of use and storage.

**Hazardous Decomposition Products:** Not applicable

**Hazardous Polymerization:** Will not occur.

**Incompatibilities:** Avoid contact with oxidising agents and strong acids, contact with reactive metals may evolve highly flammable hydrogen gas.

## 11 TOXICOLOGICAL INFORMATION

**Ingestion** Swallowing can result in nausea, vomiting, diarrhoea and abdominal pain. Can cause irritation to mouth, oesophagus and gastrointestinal tract.

**Eye** Corrosive to eyes. Highly irritating to eyes. Will cause severe irritation if not treated promptly. Prolonged contamination may result in permanent damage.

**Skin** Irritating to skin. Contact with skin will result in irritation, redness and itching.

**Inhalation** Irritating to the respiratory tract if atomised.

**Chronic Effects** Prolonged or repeated exposure to this product may result in skin irritation and possibly result in dermatitis.

**Toxicological Data** Non available for this product.

**12 ECOLOGICAL INFORMATION****Ecotoxicity:** No information found. Avoid contaminating waterways**13 DISPOSAL CONSIDERATIONS**

Refer to Waste Management Authority. Dispose of material through licensed waste contractor. Assure conformity with all applicable regulations.

**14 TRANSPOR INFORMATION****Land Transport & Sea Transport**

<b>UN Number</b>	None allocated
<b>Shipping Name</b>	Not Applicable
<b>Dangerous Goods Class</b>	None allocated
<b>Subsidiary Risk</b>	Not applicable.
<b>Pack Group</b>	None allocated
<b>Precaution for User</b>	None known
<b>Hazchem Code</b>	None allocated
<b>Marine Pollutant</b>	No

**15 REGULATORY INFORMATION**

<b>Poisons Schedule</b>	S5
<b>EPG</b>	Not applicable
<b>AICS Name</b>	All ingredients are on inventory

**16 OTHER INFORMATION****Literature References** No data available.**Sources for Data** No data available.**Legend to Abbreviations and Acronyms**

<	less than	<b>m<sup>3</sup></b>	cubic metre
>	greater than	<b>mbar</b>	millibar
<b>AICS</b>	Australian Inventory of Chemical Substances	<b>mg</b>	milligram
<b>CAS</b>	Chemical Abstracts Service (Registry Number)	<b>mg/24H</b>	milligrams per 24 hours
<b>cm<sup>2</sup></b>	square centimetres	<b>mg/kg</b>	milligrams per kilogram
<b>CO<sub>2</sub></b>	Carbon Dioxide	<b>mg/m<sup>3</sup></b>	milligrams per cubic metre
<b>COD</b>	Chemical Oxygen Demand	<b>Misc</b>	miscible
<b>deg C (°C)</b>	degrees Celsius	<b>Miscible</b>	liquids form one homogeneous liquid phase regardless of the amount of either component present
<b>ERMA</b>	Environmental Risk Management Authority	<b>mm</b>	millimetre
<b>G</b>	gram	<b>mPa.s</b>	milli Pascal per second
<b>g/cm<sup>3</sup></b>	grams per cubic centimetre	<b>N/A</b>	Not Applicable
<b>g/l</b>	grams per litre	<b>NOHSC</b>	National Occupational Health and Safety Commission
<b>HSNO</b>	Hazardous Substance and New Organism	<b>OECD</b>	Organization for Economic Co-operation and Development
<b>IDLH</b>	Immediately Dangerous to Life and Health	<b>PEL</b>	Permissible Exposure Limit
<b>Immiscible</b>	liquids are insoluble in each other	<b>ppb</b>	parts per billion
<b>Kg</b>	kilogram	<b>ppm</b>	parts per million
<b>kg/m<sup>3</sup></b>	kilograms per cubic metre	<b>ppm/2h</b>	parts per million per 2 hours
<b>LC<sub>50</sub></b>	LC stands for Lethal Concentration. LC <sub>50</sub> is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.	<b>ppm/6h</b>	parts per million per 6 hours
<b>LD<sub>50</sub></b>	LD stands for Lethal Dose. LD <sub>50</sub> is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.	<b>RCP</b>	Reciprocal Calculation Procedure
<b>Ltr</b>	Litre	<b>STEL</b>	Short Term Exposure Limit
		<b>TLV</b>	Threshold Limit Value
		<b>tn</b>	tonne
		<b>TWA</b>	Time Weighted Average
		<b>ug/24H</b>	micrograms per 24 hours
		<b>UN</b>	United Nations (number)
		<b>Wt</b>	weight

Date Prepared:

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REVIEW Dates

Update CHEMWATCH Phone Number



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