SAFETY DATA SHEET

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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 RINSE AID

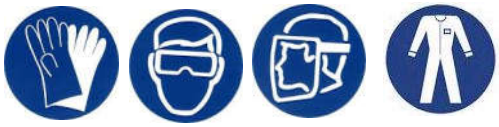
HAZARDOUS according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals

SIGNAL WORD: **WARNING**



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

RECOMMENDED PPE



Hazards	H227	Combustible liquid
	H319	Causes serious eye irritation

1 IDENTIFICATION

IDENTIFICATION

Product Code:	MRA
Product Name:	MAGNUM RINSE AID
Other Names:	Not applicable
Product Use:	Rinse Aid for Commercial and Domestic dishwashers
Restrictions on use:	Use as Directed. Use through 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.

2 HAZARD IDENTIFICATION

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

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Classification of the substance or mixture:

Flammable liquid - Category 4
Eye damage/irritation - Category 2



SIGNALWORD: **WARNING**

Hazard Statements

Physical hazards

H227 **Combustible Liquid**

Health hazards

H319 **Causes serious eye irritation**

General Precautionary Statements:

P102 Keep out of reach of children

Preventative Precautionary Statements:

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking
P280 Wear protective gloves/protective clothing/eye protection/face protection
P264 Wash hands thoroughly after handling.

Response Precautionary Statements

P370 P378 In case of fire: Use water for extinction.
P305 P351 P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P337 P313 IF eye irritation persists: Get medical advice/attention

Poisons Schedule (SUSMP): Not Scheduled

3 COMPOSITION

Ingredients

Chemical Entity	CAS Number	Proportion	Risk Phrases
Ethanol	[64-17-5]	1 – 5%	H225 H319
WATER	[7732-18-5]	1 - 10%	
Ingredients determined not to be hazardous	Not applicable	to 100%	

4 FIRST AID MEASURES

Ingestion: Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.

Eye: If contact with eye(s) occurs, hold eyes lids apart and flush the 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 immediate medical attention.

Skin: Wash affected area thoroughly with water. If symptoms develop, seek medical attention.

Inhaled: Not considered a probable path of exposure. If inhaled, remove victim from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

First Aid Facilities: Eye wash and normal wash room facilities.

Advice to Doctor Treat symptomatically. Consult Poisons Information Centre (Phone Aus 131 126)

5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media Water spray or fog, foam, dry chemical powder, BCF (where regulations permit) and carbon dioxide.

Hazards from Combustion: This product is a combustible liquid. Flammable gases released on heating. Heating may cause expansion or decomposition leading to violent rupture of containers. The packaging is not combustible under normal conditions. However, it will break down under fire conditions and the hydrocarbon element will burn. Combustion products include combustible materials, toxic fumes of carbon monoxide (CO), poisonous fumes, corrosive fumes and acrid smoke. Mists containing combustible materials may be explosive.

Precautions for Fire Fighters & Special Protective Equipment Alert Fire Brigade and tell them location and nature of hazard. Wear full body protective clothing with breathing apparatus. Prevent, by any

means available, spillage from entering drains or water course. Use water delivered as a fine spray to control fire and cool adjacent area. Avoid spraying water onto liquid pools. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire.

Protective Clothing & Equipment Fire fighters should wear full protective clothing and self contained breathing apparatus (SCBA)

Hazchem Code No Hazchem code allocated

6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Clean up spills immediately. Restrict access to the area of spill until completion of cleanup. Spill area will remain slippery until completion of cleanup. For spills involving the release of a significant amount of product (for example: product released by the puncture or damage of containers resulting in a spill of more than a few litres) spilled material should be stopped from spreading by containment using a barrier of sand or other inert material. Use a mop or cloth to absorb spilled material. Flush collected product to sewer. Rinse spill area thoroughly with water. Materials used for containment may be discarded to tip or landfill. Copious amounts of foam may be generated during cleanup, especially during final rinse of spill area. Foam will collapse of its own accord. Completion of cleanup of spill area will be indicated when rinse fails to generate foam. If large quantities of this material enter storm water or waterways contact the Environmental Protection Authority.

Personal Protective Equipment advice is contained in Section 8 of this SDS.

7 HANDLING AND STORAGE

Precautions for Safe Handling: Chemicals' packaging is generally secure and safe, and handlers do not require special safety equipment to carry a chemical container containing this product.

The product is usually dispensed directly into a sink or other tub and diluted with water. When dispensing, ensure that the risk of splashing is minimised.

When product is supplied in bulk containers (5L and 15L drums) the product may be transferred into smaller bottles. When such transfer occurs, ensure risk of splashing is minimised. 15L drums should be tapped for dispensing product (the drums are drilled and bunged for this purpose). Lifting bulk containers should be performed in accordance with the National Standard for Manual Handling [NOHSC:1001(1990)].

Suitable container: Store in original containers

Storage Incompatibilities: No information available

Storage Requirements: Store product away from incompatible materials and foodstuff containers. Store product in original containers in a cool, dry, well ventilated area away from direct sunlight. Keep containers securely sealed. Store out of reach of children.

8 EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Standards: None established for this product.

Engineering Controls: Natural ventilation should be adequate under normal use conditions.

Respiratory Protection: Not required under normal use conditions.

Eye Protection: Not required under normal use conditions. Where a risk of splashing exists or when cleaning up significant spills, wear chemical goggles or full face shield.

Skin Protection: Not required under normal use conditions. Where a risk of splashing exists or when cleaning up significant spills, wear PVC or rubber gloves on hands and suitable impervious protective clothing. Safety boots with nonslip soles should be worn for spill clean up.



9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear blue liquid
Odour:	Neutral.
Boiling Point:	100ºC
Melting Point:	N/A
Vapour Pressure:	N/A
Specific Gravity:	1.020
Flash Point:	>65ºC
Flammability Limits:	N/A
Solubility in Water:	Soluble at all use proportions
pH (neat):	2.5

10 STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of storage, handling and use.
Conditions to Avoid:	None known
Incompatibilities Materials:	No information available for this product
Hazardous Decomposition Products:	No information available for this product
Hazardous Reactions:	No information available for this product

11 TOXICOLOGICAL INFORMATION

Inhalation: This product is not thought to produce adverse health effects or irritation of the respiratory tract.

Ingestion: This product is not harmful by ingestion when assessed against criteria of Safe Work Australia. This product may still produce gastrointestinal tract discomfort that may produce nausea and vomiting.

Skin: This product is not a skin irritant when assessed against criteria of Safe Work Australia. Direct skin contact may still produce skin reactions for the individual. Foreign body type discomfort may persist for a short time.

Eye: This product is an eye irritant when assessed against criteria of Safe Work Australia Direct eye contact will produce immediate discomfort for the individual, with consequent reflex closure of the lid and tearing. Foreign body type discomfort may persist for a short time.

Chronic effects: Not available

Toxicology Information: No toxicity data available for this product

12 ECOLOGICAL INFORMATION

Ecotoxicity: No toxicity data available for this product

Persistence/Degradability: No data available

Mobility: No data available

Environment Protection: Avoid contaminating waterways.

13 DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of waste through licensed waste contractor according to Federal, EPA, State and local regulations.

14 TRANSPORT INFORMATION

Land Transport & Sea Transport

UN Number	None allocated
Shipping Name	None allocated
Dangerous Goods Class	None allocated
Subsidiary Risk	Not applicable.
Pack Group	None allocated
Precaution for User	None known
Hazchem Code	None allocated

15 REGULATORY INFORMATION

Poisons Schedule	Not scheduled
EPG	Not applicable
AICS Name	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
>	greater than
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
cm^2	square centimetres
CO_2	Carbon Dioxide
COD	Chemical Oxygen Demand
deg C (°C)	degrees Celsius
ERMA	Environmental Risk Management Authority
G	gram
g/cm^3	grams per cubic centimetre
g/l	grams per litre
HSNO	Hazardous Substance and New Organism
IDLH	Immediately Dangerous to Life and Health
Immiscible	liquids are insoluble in each other
Kg	kilogram
kg/m^3	kilograms per cubic metre
LC_{50}	LC stands for Lethal Concentration. LC_{50} 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.
LD_{50}	LD stands for Lethal Dose. LD_{50} is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.
Ltr	Litre
m^3	cubic metre
mbar	millibar
mg	milligram
mg/24H	milligrams per 24 hours
mg/kg	milligrams per kilogram
mg/m^3	milligrams per cubic metre
Misc	miscible
Miscible	liquids form one homogeneous liquid phase regardless of the amount of either component present
mm	millimetre
mPa.s	milli Pascal per second
N/A	Not Applicable
NOHSC	National Occupational Health and Safety Commission
OECD	Organization for Economic Co-operation and Development
PEL	Permissible Exposure Limit
ppb	parts per billion
ppm	parts per million

ppm/2h	parts per million per 2 hours	**tne**	tonne
ppm/6h	parts per million per 6 hours	**TWA**	Time Weighted Average
RCP	Reciprocal Calculation Procedure	**ug/24H**	micrograms per 24 hours
STEL	Short Term Exposure Limit	**UN**	United Nations (number)
TLV	Threshold Limit Value	**Wt**	weight

Date Prepared:
Friday 19th January 2024 Version: 1.2 Supersedes: Monday 25th March 2019
Update CHEMWATCH Phone Number
Include Protective PPE ICONS

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