

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: AUTO DISHWASH POWDER

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



EYE PROTECTION

Health hazards

H314
H335
AUH031

Causes severe skin burns and eye damage
May cause respiratory irritation
Contact with acids liberates toxic gas

1 IDENTIFICATION

IDENTIFICATION

Product Code: ADP
Product Name: AUTO DISHWASH POWDER
Other Names: Not applicable
Product Use: Machine dishwashing powder
Restrictions on use: Alkaline powder, Use as Directed, avoid contact with skin and eyes, avoid breathing dust.

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**Classification of the substance or mixture:**

Skin Corrosion/irritation	- Category 1
Eye Damage	- Category 1
Specific Target Organ Toxicity (SE)	- Category 3

**SIGNALWORD:** **DANGER****Hazard Statements****Health hazards**

H314	Causes severe skin burns and eye damage
H335	May cause respiratory irritation

Special hazards

AUH031	Contact with acids liberates toxic gas
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Precautionary statements**General precautionary statements**

P102	Keep out of reach of Children
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Prevention precautionary statements

P260	Do not breathe dust.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves and eye protection.
P271	Use only outdoors or in a well ventilated area.

Response precautionary statements

P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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
P310	Immediately call a POISON CENTRE or doctor/physician
P321	Specific treatment (see ... on this label)
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 precautionary statements

P403+P233	Store in a well ventilated place. Keep container tightly closed
P405	Store locked up

Disposal precautionary statements

P501	Dispose of contents/container to ... (specify) in accordance with local regulations.
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Poisons Schedule (SUSMP): S5**3 COMPOSITION****Ingredients**

Chemical Entity	CAS Number	Proportion	Risk Phrases
Sodium carbonate	[497-19-8]	30 - 60%	H319 H315
Disodium Trioxosilicate	[6834-92-0]	1 – 10%	H319 H315
Sodium dichloroisocyanurate	[2893-78-9]	5 – 10%	H319
Ingredients determined not to be hazardous		Balance	
3.0% available chlorine			

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 soap and water. If symptoms develop, seek medical attention.
Inhaled:	If inhaled, remove victim from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.



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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: Use appropriate fire extinguisher for surrounding environment
Precautions in connection with Fire: Fire fighters should wear full protective clothing and self contained breathing apparatus (SCBA)

6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Remove all sources of heat. Increase ventilation. Evacuate all unnecessary personnel. Wear sufficient respiratory protection and protective clothing to minimise skin and eye exposure. Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust, and then transfer material to a suitable container. Use absorbent paper dampened with water to pick up remaining material. Wash surfaces well, with soap and water. Seal all wastes in vapour tight labelled plastic containers for eventual disposal. If large quantities of this material enter waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7 HANDLING AND STORAGE

Precautions for Safe Handling: Avoid generating dust. Use smallest possible amounts in designated areas with adequate ventilation. Have emergency equipment (for fires, spills, leaks etc.) readily available. Label containers. Keep containers closed when not in use. Wear appropriate protective equipment to minimise inhalation, skin and eye contact. Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using toilet.
Conditions for Safe Storage: Store in a cool, dry, well ventilated area, out of direct sunlight and moisture. Store in labelled, corrosion-resistant containers. Keep containers tightly closed. Store away from incompatible materials. Have appropriate fire extinguishers available in and near the storage area.

8 EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Standards None assigned by Worksafe 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: No specific requirements



9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White free flowing powder
Formula	Not applicable.
Odour	Mild chlorine
Vapour Pressure	Not applicable.
Vapour Density	Not determined
Boiling Point	Not applicable
Melting Point	Not applicable. C
Solubility in Water	150 g/l
Specific Gravity (Bulk Density)	0.95
Flash Point	Not applicable
Ph	11.9 (1% solution)
Lower Explosion Limit	Not applicable.
Upper Explosion Limit	Not applicable.
Ignition Temperature	Not applicable.
Specific Heat Value	Not applicable.
Particle Size	Not applicable.
Volatile Organic Compounds (VOC) Content	Not applicable.
Evaporation Rate	Not applicable.
Viscosity	Not applicable.
Percent Volatile 0%	
Octanol/Water partition coefficient	Not applicable.
Saturated Vapour Concentration	Not applicable.
Additional Characteristics	Not applicable.
Flame Propagation/Burning Rate of Solid Materials	Not applicable.
Properties of Materials That May Initiate or Contribute to Fire Intensity	Not applicable.
Potential for Dust Explosion	Not applicable.
Reactions that Release Flammable Gases	None known



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Fast of Intensely Burning Characteristics	Not applicable.
Non-flammables That Could Contribute Unusual Hazards to a Fire	Not applicable.
Release of Invisible Flammable Vapours and Gases	Not applicable.
Decomposition Temperature	Not determined

Additional Information

10 STABILITY AND REACTIVITY

Chemical Stability:	Stable under ordinary conditions of use and storage.
Conditions to Avoid:	Do not mix with acids.
Incompatibilities Materials:	Strong oxidising agents and acids
Hazardous Decomposition Products:	Thermal decomposition may produce noxious fumes
Hazardous Reactions:	Hazardous polymerisation will not occur

11 TOXICOLOGICAL INFORMATION

Inhalation:	Inhalation of dusts may irritate the respiratory system.
Ingestion:	Ingestion of this product may irritate the gastric tract causing nausea and vomiting
Skin:	Corrosive to skin. Skin contact will cause irritation resulting in redness and itching. Prolonged contact may result in severe skin burns
Eye:	Corrosive to eyes. Will cause severe irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness. Prolonged contamination may result in permanent damage.
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:	Not available
Mobility:	Not available
Environ Protection:	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 TRANSPORT INFORMATION

Land Transport & Sea Transport	
UN Number	None allocated
Shipping Name	Not Applicable
Dangerous Goods Class	None allocated
Subsidiary Risk	Not applicable.
Pack Group	None allocated
Precaution for User	None known
Hazchem Code	None allocated
Marine Pollutant	No

15 REGULATORY INFORMATION

Poisons Schedule	S5
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)
cm²	square centimetres
CO₂	Carbon Dioxide
COD	Chemical Oxygen Demand
deg C (°C)	degrees Celsius
ERMA	Environmental Risk Management Authority
G	gram
g/cm³	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/m³	kilograms per cubic metre
LC₅₀	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.
LD₅₀	LD stands for Lethal Dose. LD ₅₀ is the amount of a material, given all at once,



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Ltr	which causes the death of 50% (one half) of a group of test animals.	NOHSC	National Occupational Health and Safety Commission
m³	Litre	OECD	Organization for Economic Co-operation and Development
mbar	cubic metre	PEL	Permissible Exposure Limit
mg	millibar	ppb	parts per billion
mg/24H	milligram	ppm	parts per million
mg/kg	milligrams per 24 hours	ppm/2h	parts per million per 2 hours
mg/m³	milligrams per kilogram	ppm/6h	parts per million per 6 hours
Misc	milligrams per cubic metre	RCP	Reciprocal Calculation Procedure
Miscible	miscible	STEL	Short Term Exposure Limit
	liquids form one homogeneous liquid phase regardless of the amount of either component present	TLV	Threshold Limit Value
mm	millimetre	tne	tonne
mPa.s	milli Pascal per second	TWA	Time Weighted Average
N/A	Not Applicable	ug/24H	micrograms per 24 hours
		UN	United Nations (number)
		Wt	weight

Date Prepared:

Monday 22nd January 2024

Version: 1.1

Supersedes: Monday 25th March 2019

Update CHEMWATCH Phone Number

Update Dates



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