



SAFETY DATA SHEET



The Appliance Group
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Disclaimer:

The Appliance Group 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: **DISHWASHER DESCALER**

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

SIGNAL WORD: **WARNING**  **Exclamation**

 **Emergency Response No: 0418 976 367**

Health hazards H315 Causes Skin Irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

RECOMMENDED PPE  

1 IDENTIFICATION

IDENTIFICATION

Product Code:
Product Name: DISHWASHER DESCALER
Other Names: Not applicable
Product Use: Cleaning and de-scaling Dishwashers and laundry washers
Use as Directed

COMPANY DETAILS

Company: The Appliance Group
Address: Unit 6 / 65 Stephens Avenue
TORRENSVILLE SA 5031
Telephone Number: 0481 976 367
Emergency Telephone Number: 0481 976 367

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:

Eye damage/irritation - Category 2A
 Skin corrosion/irritation - Category 2
 Specific Target Organ Toxicity (SE) - Category 3

SIGNALWORD:

WARNING



Exclamation

Hazard Statements

Health hazards

H319 Causes serious eye irritation
 H315 Causes skin irritation
 H335 May cause respiratory irritation

Environmental hazards

Other hazards

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/protective clothing/eye protection/face protection
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray
 P271 Use only outdoors or in a well-ventilated area

Response Precautionary Statements

P302+P352 IF ON SKIN: wash with plenty of soap and water.
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash it before reuse
 P321 Specific treatment (see ... on this label)
 P312 Call a POISON CENTRE or doctor/physician if you feel unwell.
 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.
 P304+P340 IF INHALED: Remove victim to fresh air and keep comfortable for breathing.

Storage Precautionary Statements

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

Disposal Precautionary Statements

P501 Dispose of contents/container to ... (specify) in accordance with local regulations.

Poisons Schedule (SUSMP): None scheduled

3 COMPOSITION

Ingredients

Chemical Entity	CAS Number	Proportion	Risk Phrases
Citric acid	[77-92-9]	60 – 80%	H315 H319 H335
Sulphamic acid	[5329-14-6]	1 - 10%	H315 H319 H412
Ingredients determined not to be hazardous		Balance	

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.
First Aid Facilities	Eye wash and normal wash room facilities
Advice to Doctor	Treat symptomatically.

5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use appropriate fire extinguisher for surrounding environment
Precautions in connection with Fire	Firefighters should wear full protective clothing and self-contained breathing apparatus (SCBA)

6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures

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
 Wash surfaces well, with soap and water
 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:

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 Safework Australia for this product.

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

Personal Protection Equipment

EYES	Not required under normal use conditions. Where a risk of eye contact exists Safety glasses with side shields (AS1336/1337)
HANDS	Wear rubber or PVC gloves (AS2161) especially if sensitive skin
CLOTHING	No specific requirements.



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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White dry free flowing powder.
Odour	Complex Floral Fragrance.
Boiling Point	N/A
Melting Point	N/A
Vapour Pressure	N/A
Specific Gravity	N/A
Flash Point	N/A
Flammability Limits	N/A
Solubility in Water	Soluble at use proportions
pH (1% solution)	1.5 – 3.0

10 STABILITY AND REACTIVITY

Chemical Stability	Stable under ordinary conditions of use and storage
Conditions to Avoid	Do not mix with alkalis or chlorinated products.
Incompatibilities Materials	Strong oxidising agents and alkalis.
Hazardous Decomposition Products	Thermal decomposition may produce noxious fumes from packaging.
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	Skin contact may cause irritation resulting in redness and itching
Eye	Irritating to eyes. Eye contact will cause tearing, stinging, blurred vision, and redness
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	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				CO₂	Carbon Dioxide
>	greater than				COD	Chemical Oxygen Demand
AICS	Australian Inventory of Chemical Substances				deg C (°C)	degrees Celsius
CAS	Chemical Abstracts Service (Registry Number)				ERMA	Environmental Risk Management Authority
cm²	square centimetres				G	gram
					g/cm³	grams per cubic centimetre
					g/l	grams per litre

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g/l	grams per litre	Miscible	liquids form one homogeneous liquid phase regardless of the amount of either component present
HSNO	Hazardous Substance and New Organism	mm	millimetre
IDLH	Immediately Dangerous to Life and Health	mPa.s	milli Pascal per second
Immiscible	liquids are insoluble in each other	N/A	Not Applicable
Kg	kilogram	NOHSC	National Occupational Health and Safety Commission
kg/m³	kilograms per cubic metre	OECD	Organization for Economic Co-operation and Development
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.	PEL	Permissible Exposure Limit
LD₅₀	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.	ppb	parts per billion
Ltr	Litre	ppm	parts per million
m³	cubic metre	ppm/2h	parts per million per 2 hours
mbar	millibar	ppm/6h	parts per million per 6 hours
mg	milligram	RCP	Reciprocal Calculation Procedure
mg/24H	milligrams per 24 hours	STEL	Short Term Exposure Limit
mg/kg	milligrams per kilogram	TLV	Threshold Limit Value
mg/m³	milligrams per cubic metre	tne	tonne
Misc	miscible	TWA	Time Weighted Average
		ug/24H	micrograms per 24 hours
		UN	United Nations (number)
		Wt	weight

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