



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: COFFEE MACHINE DESCALER

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

SIGNAL WORD:

DANGER



Corrosion

Emergency Response No: 0418 976 367

Health hazards

H318

Causes serious eye damage

RECOMMENDED PPE



1 IDENTIFICATION

IDENTIFICATION

Product Code:
Product Name: COFFEE MACHINE DESCALER
Other Names: Not applicable
Product Use: Cleaning and de-scaling Coffee Machines
Restrictions on use:

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:

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

SIGNALWORD:

DANGER



Corrosion

Hazard Statements

Health hazards

H315 Causes skin irritation
 H318 Causes serious eye damage

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/eye protection

Response Precautionary Statements

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
 P310 Immediately call a POISONS INFORMATION CENTRE or a doctor.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P332+P313 If irritation occurs: Get medical advice.
 P362+P364 Take off contaminated clothing and wash it before reuse.

Storage Precautionary Statements

Poisons Schedule (SUSMP): Not scheduled

3 COMPOSITION

Ingredients

Chemical Entity	CAS Number	Proportion	Risk Phrases
Lactic Acid	[50-21-5]	1-10%	H315 H318
Phosphonates	[37971-36-1]	1-10%	H318
Ingredients determined to be not 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

- Fire Extinguishing Media:** Use appropriate extinguishing media to suit surrounding area. Do not use a direct water stream
- Hazards from Combustion:** Material does not burn. If involved in fire hazardous decomposition products include toxic gases and vapours
- Precaution for Fire Fighters:** Wear chemical splash suit and SCBA. Keep containers cool by spraying with water. Contact with metals may evolve flammable hydrogen gas.

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. 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

Wear appropriate protective clothing to prevent skin and eye contact. Use in well ventilated area. Keep containers closed when not in use. Maintain a high standard of personal hygiene. Wash hands immediately after using product

Storage

Store in cool, dry, well ventilated place out of direct sunlight. Store in closed containers. Store away from incompatible materials such as chlorinated products, strong alkalis, oxidising agents, aluminium and zinc. Ensure storage area is secure.

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



9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear red foaming liquid.
Odour	Neutral.
Boiling Point	N/A
Melting Point	N/A
Vapour Pressure	N/A
Specific Gravity	1.04 – 1.06
Flash Point	N/A
Flammability Limits	N/A
Solubility in Water	Soluble at use dilutions
pH (25°C)	0.5 – 1.5

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.

SAFETY DATA SHEET

11 TOXICOLOGICAL INFORMATION

Inhalation	Inhalation of vapours 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	Corrosive to eyes. Eye contact 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	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	m³	cubic metre
>	greater than	mbar	millibar
AICS	Australian Inventory of Chemical Substances	mg	milligram
CAS	Chemical Abstracts Service (Registry Number)	mg/24H	milligrams per 24 hours
cm²	square centimetres	mg/kg	milligrams per kilogram
CO₂	Carbon Dioxide	mg/m³	milligrams per cubic metre
COD	Chemical Oxygen Demand	Misc	miscible
deg C (°C)	degrees Celsius	Miscible	liquids form one homogeneous liquid phase regardless of the amount of either component present
ERMA	Environmental Risk Management Authority	mm	millimetre
G	gram	mPa.s	milli Pascal per second
g/cm³	grams per cubic centimetre	N/A	Not Applicable
g/l	grams per litre	NOHSC	National Occupational Health and Safety Commission
HSNO	Hazardous Substance and New Organism	OECD	Organization for Economic Co-operation and Development
IDLH	Immediately Dangerous to Life and Health	PEL	Permissible Exposure Limit
Immiscible	liquids are insoluble in each other	ppb	parts per billion
Kg	kilogram	ppm	parts per million
kg/m³	kilograms per cubic metre	ppm/2h	parts per million per 2 hours
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.	ppm/6h	parts per million per 6 hours
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.	RCP	Reciprocal Calculation Procedure
Ltr	Litre	STEL	Short Term Exposure Limit
		TLV	Threshold Limit Value
		tne	tonne
		TWA	Time Weighted Average
		ug/24H	micrograms per 24 hours
		UN	United Nations (number)
		Wt	weight

SAFETY DATA SHEET

Page 5 of 5
Product: COFFEE MACHINE DESCALER
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