

Product: COFFEE MACHINE DESCALER

NON HAZARDOUS according to Safe Work Australia

NOT a DANGEROUS GOODS according to the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail

GHS SIGNAL WORD(S): **WARNING**



 **Emergency Response No: 1800 039 008**

RECOMMENDED PPE: **Not essential**

Health hazards

H315 H320 Causes Skin and Eye Irritation

1 IDENTIFICATION

IDENTIFICATION

Product Code	CF425CMD
Product Name	COFFEE MACHINE DESCALER
Other Names	Not applicable
Product Use	Coffee Machine Descaler
Restrictions on use	Use as Directed

COMPANY DETAILS

Company Name	AKTIVO
ABN	64 074 261 279
Address	65 Glynburn Road, GLYNDE SA 5070
Telephone Number	1800 440 335 or (08) 8165 1012
Facsimile Number	(08) 8165 1018

Important Information and Disclaimer

This Safety Data Sheet (SDS) 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.

AKTIVO provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This SDS 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 judgement in determining its appropriateness for a particular purpose.

2 HAZARD IDENTIFICATION

NON HAZARDOUS SUBSTANCE
NOT a DANGEROUS GOODS

according to criteria of Safe Work Australia
as classified by the criteria of the Australian Dangerous Goods Code (ADG Code)
for Transport by Road and Rail.

Classification of the substance or mixture:

Eye Damage
Skin Irritation

Category 2A
Category 2

SIGNALWORD(S)

WARNING



Hazard Statements

Health hazards

H315 H320

Causes Skin and Eye Irritation

Precautionary statements

General precautionary statements

P102

Keep out of reach of Children

Prevention precautionary statements

P262

P264

P280

Do not get in eyes, on skin, or on clothing.
Wash hands thoroughly after handling.
Wear protective gloves.

Response precautionary statements

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

Poisons Schedule (SUSMP):

Not Scheduled

3 COMPOSITION

Ingredients

Chemical Entity

Blend of Organic acids

CAS Number

Various

Proportion

10 - 20%

Risk Phrases

H315 H318

Ingredients determined not to be hazardous

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. Consult CHEMWATCH 1800 039 008

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

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 Worksafe 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 Odour.
Boiling Point N/A
Melting Point N/A
Vapour Pressure N/A
Specific Gravity 1.040 – 1.060
Flash Point N/A
Flammability Limits N/A
Solubility in Water Soluble at use proportions
pH (1% solution) 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 acids
Hazardous Decomposition Products Thermal decomposition may produce noxious fumes from packaging.
Hazardous Reactions Hazardous polymerisation will not occur

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 mechanical irritation resulting in redness and itching
Eye	Irritating to eyes. On eye contact this product 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
IRRITANT	
AICS Name	All ingredients are on inventory

16 OTHER INFORMATION

Literature Schedule Sources of Data

No data available
No data available

Legend to Abbreviations and Acronyms

<	less than	mg/24H	milligrams per 24 hours
>	greater than	mg/kg	milligrams per kilogram
AICS	Australian Inventory of Chemical Substances	mg/m ³	milligrams per cubic metre
CAS	Chemical Abstracts Service (Registry Number)	Misc	miscible
cm ²	square centimetres	Miscible	liquids form one homogeneous liquid phase regardless of the amount of either component present
CO ₂	Carbon Dioxide	mm	millimetre
COD	Chemical Oxygen Demand	mPa.s	milli Pascal per second
deg C (°C)	degrees Celsius	N/A	Not Applicable
ERMA	Environmental Risk Management Authority	NOHSC	National Occupational Health and Safety Commission
G	gram	OECD	Organization for Economic Co-operation and Development
g/cm ³	grams per cubic centimetre	PEL	Permissible Exposure Limit
g/l	grams per litre	ppb	parts per billion
HSNO	Hazardous Substance and New Organism	ppm	parts per million
IDLH	Immediately Dangerous to Life and Health	ppm/2h	parts per million per 2 hours
Immiscible	liquids are insoluble in each other	ppm/6h	parts per million per 6 hours
Kg	kilogram	RCP	Reciprocal Calculation Procedure
kg/m ³	kilograms per cubic metre	STEL	Short Term Exposure Limit
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.	TLV	Threshold Limit Value
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.	tne	tonne
Ltr	Litre	TWA	Time Weighted Average
m ³	cubic metre	ug/24H	micrograms per 24 hours
mbar	millibar	UN	United Nations (number)
mg	milligram	Wt	weight