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

 PhoneNumber Emergency Response No: 1800 039 008

RECOMMENDED PPE: Not essential

Health hazards
H315 H320 Causes Skin and Eye Irritation

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 Category 2A
Skin Irritation 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
Do not get in eyes, on skin, or on clothing.
P264
Wash hands thoroughly after handling.
P280
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 Various
Ingredients determined not to be hazardous

CAS Number
Proportion 10 - 20%
Risk Phrases H315 H318

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 packageing.
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.
### Literature Schedule
No data available

### Sources of Data
No data available

### Legend to Abbreviations and Acronyms

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;</td>
<td>less than</td>
</tr>
<tr>
<td>&gt;</td>
<td>greater than</td>
</tr>
<tr>
<td>AICS</td>
<td>Australian Inventory of Chemical Substances</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstracts Service (Registry Number)</td>
</tr>
<tr>
<td>cm²</td>
<td>square centimetres</td>
</tr>
<tr>
<td>CO₂</td>
<td>Carbon Dioxide</td>
</tr>
<tr>
<td>COD</td>
<td>Chemical Oxygen Demand</td>
</tr>
<tr>
<td>deg C (°C)</td>
<td>degrees Celsius</td>
</tr>
<tr>
<td>G</td>
<td>gram</td>
</tr>
<tr>
<td>g/cm³</td>
<td>grams per cubic centimetre</td>
</tr>
<tr>
<td>g/l</td>
<td>grams per litre</td>
</tr>
<tr>
<td>HSNO</td>
<td>Hazardous Substance and New Organism</td>
</tr>
<tr>
<td>IDLH</td>
<td>Immediately Dangerous to Life and Health</td>
</tr>
<tr>
<td>Immiscible</td>
<td>liquids are insoluble in each other</td>
</tr>
<tr>
<td>Kg</td>
<td>kilogram</td>
</tr>
<tr>
<td>kg/m³</td>
<td>kilograms per cubic metre</td>
</tr>
<tr>
<td>LC₅₀</td>
<td>LC stands for Lethal Concentration. LC₅₀ 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.</td>
</tr>
<tr>
<td>LD₅₀</td>
<td>LD stands for Lethal Dose. LD₅₀ is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.</td>
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<tr>
<td>Ltr</td>
<td>Litre</td>
</tr>
<tr>
<td>m³</td>
<td>cubic metre</td>
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<tr>
<td>mbart</td>
<td>millibar</td>
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<tr>
<td>mg</td>
<td>milligram</td>
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<tr>
<td>mg/24H</td>
<td>milligrams per 24 hours</td>
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<tr>
<td>mg/kg</td>
<td>milligrams per kilogram</td>
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<tr>
<td>mg/m³</td>
<td>milligrams per cubic metre</td>
</tr>
<tr>
<td>Misc</td>
<td>miscible</td>
</tr>
<tr>
<td>Miscible</td>
<td>liquids form one homogeneous liquid phase regardless of the amount of either component present</td>
</tr>
<tr>
<td>mm</td>
<td>millimetre</td>
</tr>
<tr>
<td>mPa.s</td>
<td>milli Pascal per second</td>
</tr>
<tr>
<td>N/A</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>NOHSC</td>
<td>National Occupational Health and Safety Commission</td>
</tr>
<tr>
<td>OECD</td>
<td>Organization for Economic Co-operation and Development</td>
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<tr>
<td>PEL</td>
<td>Permissible Exposure Limit</td>
</tr>
<tr>
<td>ppb</td>
<td>parts per billion</td>
</tr>
<tr>
<td>ppm</td>
<td>parts per million</td>
</tr>
<tr>
<td>ppm/2h</td>
<td>parts per million per 2 hours</td>
</tr>
<tr>
<td>ppm/6h</td>
<td>parts per million per 6 hours</td>
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<td>RCP</td>
<td>Reciprocal Calculation Procedure</td>
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<tr>
<td>STEL</td>
<td>Short Term Exposure Limit</td>
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<tr>
<td>TLV</td>
<td>Threshold Limit Value</td>
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<tr>
<td>tne</td>
<td>tonne</td>
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<tr>
<td>TCW</td>
<td>Time Weighted Average</td>
</tr>
<tr>
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<td>micrograms per 24 hours</td>
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<tr>
<td>UN</td>
<td>United Nations (number)</td>
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<tr>
<td>Wt</td>
<td>weight</td>
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