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# SAFETY DATA SHEET

## Product: Beanblast D-CAL

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

**SIGNAL WORD:**

**DANGER**



**Health hazards**

H315  
H318

Causes skin irritation  
Causes Serious Eye Damage

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 **Emergency Response No: CHEMWATCH 1800 951 288**

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**1 IDENTIFICATION**

**IDENTIFICATION**

Product Code: BED  
 Product Name: Beanblast D-Cal  
 Other Names: Not applicable  
 Product Use: Cleaning and de-scaling Coffee Machines  
 Restrictions on use: Use as Directed.

**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 Damage/Irritation - Category 2  
 Eye Damage/Irritation - Category 1

**SIGNALWORD:**

**DANGER**



**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**

P310 Immediately call a POISONS CENTRE or a doctor.  
 P302+352 IF ON SKIN: wash with plenty of soap and water.  
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
 P332+P313 If irritation occurs: Get medical advice  
 P362+P364 Take off contaminated clothing and wash it before re-use.

**Storage Precautionary Statements**

**Poisons Schedule (SUSMP):** None allocated

### 3 COMPOSITION

**Ingredients**

Chemical Entity	CAS Number	Proportion	Hazard Statements
Lactic Acid	[50-21-5]	1 - 10%	H315, H318
Ingredients determined to be not hazardous			Balance

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Immediately flush eyes with plenty of water for at least 15 minutes; lifting lower and upper eyelids occasionally. Seek medical attention immediately.
<b>Skin:</b>	Wash skin with plenty of water for at least 15 minutes. If irritation develops, seek medical attention.
<b>Inhalation:</b>	Remove victim to fresh air. Seek medical attention for any breathing difficulty.
<b>Ingestion:</b>	Induce vomiting immediately as directed by medical personnel. Never give anything orally to an unconscious person.
<b>First Aid Facilities:</b>	Eyebath/ eyewash, and general washroom facilities
<b>Medical Attention &amp; Special Treatment:</b>	Not specified, treat supportively

### 5 FIRE FIGHTING MEASURES

<b>Fire Extinguishing Media:</b>	Use appropriate extinguishing media to suit surrounding area.
<b>Hazards from Combustion:</b>	Product is non-combustible. However packaging material may emit noxious fumes
<b>Precaution for Fire Fighters:</b>	Wear chemical splash suit and SCBA Keep containers cool by spraying with water.
<b>Hazchem</b>	None

### 6 ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	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
<b>Clean Up</b>	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

<b>Handling</b>	Keep containers closed at all times – check regularly for leaks or spills. Transport and store upright. Avoid eye contact and repeated or prolonged skin contact.
<b>Storage</b>	Store out of reach of children. Store in original container below 30°C and away from direct sunlight. Keep away from oxidising agents and strong alkalis. Protect from physical damage. Clean up spills and splashes promptly. Avoid secondary accidents.

### 8 EXPOSURE CONTROL / PERSONAL PROTECTION

<b>National exposure standards:</b>	TLV-TWA Not established.
<b>Biological limit values:</b>	Not established.
<b>Engineering controls:</b>	Local exhaust or natural ventilation should be adequate under normal use conditions. Normal safety showers and eyewash facilities should be nearby.
<b>Personal protective equipment:</b>	For conditions of use where exposure to the dust or mist is apparent, a half-face dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive pressure air supplied respirator.
<b>WARNING:</b>	Air purifying respirators do not protect workers in oxygen deficient atmospheres.
<b>SKIN PROTECTION:</b>	Wear protective gloves and clean body covering clothing.
<b>EYE PROTECTION:</b>	Use chemical safety goggles. Maintain eye wash fountain and quick drench facilities in work area.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear Red foaming liquid.
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<b>Odour:</b>	Neutral odour
<b>pH (25°C):</b>	0.5 – 1.5
<b>Vapour Density:</b>	Not available
<b>Boiling Point/Range:</b>	Not applicable
<b>Freezing/Melting Point:</b>	Not applicable
<b>Solubility in Water:</b>	soluble at use dilutions
<b>Specific Gravity @ 25°C:</b>	1.04 – 1.06
<b>Flash Point:</b>	Not applicable

**10 STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal conditions of use and storage.
<b>Hazardous Decomposition Products:</b>	Will emit Chlorine gas when mixed with chlorinated products
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Incompatibilities:</b>	Avoid contact with oxidising agents and strong alkalis.

**11 TOXICOLOGICAL INFORMATION**

<b>Ingestion</b>	Swallowing can result in nausea, vomiting, diarrhoea and abdominal pain. Can cause irritation to mouth, oesophagus and gastrointestinal tract.
<b>Eye</b>	Highly irritating to eyes. Corrosive. Will cause severe irritation if not treated promptly. Prolonged contact may cause permanent damage.
<b>Skin</b>	Contact with skin may result in irritation, redness and itching.
<b>Inhalation</b>	Irritating to the respiratory tract.
<b>Chronic Effects</b>	Prolonged or repeated exposure to this product may result in skin irritation and possibly result in dermatitis.
<b>Toxicological Data</b>	Non available for this product.

**12 ECOLOGICAL INFORMATION**

**Ecotoxicity:** No information found. 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**

<b>Land and Sea Transport</b>	
<b>UN Number</b>	Not regulated
<b>Shipping Name</b>	Not regulated
<b>Dangerous Goods Class</b>	Not regulated
<b>Subsidiary Risk</b>	Not applicable
<b>Pack Group</b>	Not regulated
<b>Precaution for User</b>	Not available
<b>Hazchem Code</b>	Not available

**15 REGULATORY INFORMATION**

<b>Poisons Schedule</b>	None allocated.
<b>EPG</b>	Not applicable.
<b>AICS Name</b>	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
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>CAS</b>	Chemical Abstracts Service (Registry Number)
<b>cm<sup>2</sup></b>	square centimetres
<b>CO<sub>2</sub></b>	Carbon Dioxide
<b>COD</b>	Chemical Oxygen Demand
<b>deg C (°C)</b>	degrees Celsius
<b>ERMA</b>	Environmental Risk Management Authority

<b>G</b>	gram
<b>g/cm<sup>3</sup></b>	grams per cubic centimetre
<b>g/l</b>	grams per litre
<b>HSNO</b>	Hazardous Substance and New Organism
<b>IDLH</b>	Immediately Dangerous to Life and Health
<b>Immiscible</b>	liquids are insoluble in each other
<b>Kg</b>	kilogram
<b>kg/m<sup>3</sup></b>	kilograms per cubic metre
<b>LC50</b>	LC stands for lethal concentration. LC50 is the concentration of a material in air which causes the death of 50% (one half) of a



## D-Cal One Shot Descaler

<p><b>LD50</b></p> <p><b>Ltr</b></p> <p><b>m<sup>3</sup></b></p> <p><b>mbar</b></p> <p><b>mg</b></p> <p><b>mg/24H</b></p> <p><b>mg/kg</b></p> <p><b>mg/m<sup>3</sup></b></p> <p><b>Misc</b></p> <p><b>Miscible</b></p> <p><b>mm</b></p>	<p>group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.</p> <p>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</p> <p>Litre</p> <p>cubic metre</p> <p>millibar</p> <p>milligram</p> <p>milligrams per 24 hours</p> <p>milligrams per kilogram</p> <p>milligrams per cubic metre</p> <p>miscible</p> <p>liquids form one homogeneous liquid phase regardless of the amount of either component present</p> <p>millimetre</p>	<p><b>mPa.s</b></p> <p><b>N/A</b></p> <p><b>NOHSC</b></p> <p><b>OECD</b></p> <p><b>PEL</b></p> <p><b>ppb</b></p> <p><b>ppm</b></p> <p><b>ppm/2h</b></p> <p><b>ppm/6h</b></p> <p><b>RCP</b></p> <p><b>STEL</b></p> <p><b>TLV</b></p> <p><b>tn</b></p> <p><b>TWA</b></p> <p><b>ug/24H</b></p> <p><b>UN</b></p> <p><b>Wt</b></p>	<p>milli Pascal per second</p> <p>Not Applicable</p> <p>National Occupational Health and Safety Commission</p> <p>Organization for Economic Co-operation and Development</p> <p>Permissible Exposure Limit</p> <p>parts per billion</p> <p>parts per million</p> <p>parts per million per 2 hours</p> <p>parts per million per 6 hours</p> <p>Reciprocal Calculation Procedure</p> <p>Short Term Exposure Limit</p> <p>Threshold Limit Value</p> <p>tonne</p> <p>Time Weighted Average</p> <p>micrograms per 24 hours</p> <p>United Nations (number)</p> <p>weight</p>
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**Date Prepared:**

Thursday 29<sup>th</sup> February 2024    **Version: 1.3**

**Replaces Monday 27<sup>th</sup> August 2021**

Include H315 HAZARD

Review Response Precautionary Statements



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