



D-Cal One Shot Descaler

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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

Causes skin irritation

H318

Causes Serious Eye Damage



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



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

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

5 FIRE FIGHTING MEASURES

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

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
Clean Up	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	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.
Storage	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

National exposure standards:	TLV-TWA Not established.
Biological limit values:	Not established.
Engineering controls:	Local exhaust or natural ventilation should be adequate under normal use conditions. Normal safety showers and eyewash facilities should be nearby.
Personal protective equipment:	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.
WARNING:	Air purifying respirators do not protect workers in oxygen deficient atmospheres.
SKIN PROTECTION:	Wear protective gloves and clean body covering clothing.
EYE PROTECTION:	Use chemical safety goggles. Maintain eye wash fountain and quick drench facilities in work area.

9 PHYSICAL AND CHEMICAL PROPERTIES

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

10 STABILITY AND REACTIVITY

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

11 TOXICOLOGICAL INFORMATION

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

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

15 REGULATORY INFORMATION

Poisons Schedule	None allocated.
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
>	greater than
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
cm²	square centimetres
CO₂	Carbon Dioxide
COD	Chemical Oxygen Demand
deg C (°C)	degrees Celsius
ERMA	Environmental Risk Management Authority

G	gram
g/cm³	grams per cubic centimetre
g/l	grams per litre
HSNO	Hazardous Substance and New Organism
IDLH	Immediately Dangerous to Life and Health
Immiscible	liquids are insoluble in each other
Kg	kilogram
kg/m³	kilograms per cubic metre
LC50	LC stands for lethal concentration. LC50 is the concentration of a material in air which causes the death of 50% (one half) of a

LD50	group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours. 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	mPa.s	milli Pascal per second
Ltr	Litre	N/A	Not Applicable
m³	cubic metre	NOHSC	National Occupational Health and Safety Commission
mbar	millibar	OECD	Organization for Economic Co-operation and Development
mg	milligram	PEL	Permissible Exposure Limit
mg/24H	milligrams per 24 hours	ppb	parts per billion
mg/kg	milligrams per kilogram	ppm	parts per million
mg/m³	milligrams per cubic metre	ppm/2h	parts per million per 2 hours
Misc	miscible	ppm/6h	parts per million per 6 hours
Miscible	liquids form one homogeneous liquid phase regardless of the amount of either component present	RCP	Reciprocal Calculation Procedure
mm	millimetre	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

Date Prepared:

Thursday 29th February 2024 Version: 1.3

Replaces Monday 27th August 2021

Include H315 HAZARD

Review Response Precautionary Statements



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