

<b>ecostore</b>	<b>SAFETY DATA SHEET</b>	Page 1 of 5 Version 3 Preparation date: 17/08/2022
Lemon Dishwasher Powder		Codes: DP1, DP2, DP5


## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY:

<b>PRODUCT</b>	Lemon Dishwasher Powder
<b>PRODUCT USE</b>	Automatic Dishwasher Detergent
<b>SUPPLIER</b>	ECOSTORE COMPANY LTD
<b>ADDRESS</b>	2/125 THE STRAND PARNELL AUCKLAND 1010 NEW ZEALAND
<b>TELEPHONE</b>	+0064 9 360 8477 Available 8.30am-5.00pm Mon-Fri
<b>WEBSITE</b>	<a href="http://www.ecostore.co.nz">http://www.ecostore.co.nz</a>
<b>EMERGENCY TELEPHONE</b>	Poisons Centre 0800 764 766

## 2. HAZARD IDENTIFICATION:

This substance is not classified as a dangerous good according to NZS 5433:2012.  
It is hazardous under the *Hazardous Substances (Hazard Classification) Notice 2020*.

GHS Classification	Hazard Code	Hazard Statement(s)
Acute Toxicity Category 5	H303	May be harmful if swallowed
Skin Irritation Category 2	H315	Causes skin irritation
Skin Sensitization Category 1	H317	May cause an allergic skin reaction
Eye Damage/ Irritation Category 1	H318	Causes serious eye damage
Respiratory Sensitization Category 1	H334	May cause allergy, asthma symptoms or breathing difficulties if inhaled.
Aquatic Toxicity Acute Category 3	H402	Harmful to aquatic life

<b>Signal Word</b>	Danger
<b>Pictogram(s)</b>	

Prevention Code	Prevention Statement
P102	Keep out of reach of children
P103	Read label before use
P261	Avoid breathing dust
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace (if handling bulk quantities).
P280	Wear protective gloves and eye protection in the form of goggles (if handling bulk quantities).
P281	Use personal protective equipment as required (when handling in bulk quantities).
P284	Wear dust mask or suitable respiratory protection (if handling in bulk quantities).
P273	Avoid release to the environment

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Response code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P301 + P 312	IF SWALLOWED: Call a POISON CENTER or seek medical advice/ attention.
P304 + P341	IF INHALED and breathing is difficult, move to fresh air and keep at rest position comfortable for breathing.
P342 + P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician.
P305 + P351 + P338	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 POISON CENTER or doctor/ physician.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.
P362 + P364	Take off contaminated clothing and wash before use.

Storage Code	Storage Statement
None applicable	
Disposal Code	Disposal Statement
P501	Dispose of contaminated residues or waste by liaising with waste disposal company or by disposing at a site approved by relevant local authorities.

### 3. PRODUCT COMPOSITION:

COMPONENTS	(%)	CAS NUMBER
Sodium Carbonate	30 - 60	497-19-8
Sodium Sulphate	10 - < 30	7757-82-6
Sodium Citrate	10 - < 30	6132-04-3
Sodium Carbonate Peroxide	< 10	15630-89-4
Sodium Bicarbonate	< 10	144-55-8
Sodium Metasilicate	< 10	10213-79-3
PPG-4 Laureth-5	< 10	68439-51-0
Subtilisin	< 10	9014-01-1
Amylase	< 10	9000-90-2
Parfum	< 10	Not Available
Limonene	< 10	5989-27-5

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#### 4. FIRST AID MEASURES:

INHALATION	May cause allergic reaction. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing, call a doctor immediately.
SKIN	May cause irritation on some individuals. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation persists, seek medical advice.
EYES	Flush with water for at least 15 minutes while holding eyelids open. Remove contact lenses if applicable and able. If irritation persists, seek medical attention.
INGESTION	If swallowed, do not induce vomiting. Consult a doctor immediately. Do not give anything by mouth if the subject is unconscious and if not authorized by the doctor.

#### 5. FIRE FIGHTING MEASURES:

HAZARD TYPE	Not flammable or combustible
HAZARDS FROM DECOMPOSITION PRODUCTS	Under fire conditions this product may emit toxic and/or irritating fumes.
SUITABLE EXTINGUISHING MEDIA	Coarse or fine water spray
PRECAUTIONS FOR FIRE-FIGHTERS AND SPECIAL PROTECTIVE CLOTHING	Wear suitable protective clothing and appropriate breathing apparatus.
HAZCHEM CODE	2X

#### 6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTIONS	Avoid the formation of dust by spraying the product with water if there are no contraindications. Wear protective equipment to prevent skin, eye contact and breathing in vapour.
EMERGENCY PROCEDURES	Do not discharge large amount into drains/surface waters/groundwater; if so advise local emergency services.
CLEANING UP SMALL AMOUNTS	Collect and clean area with water if required.
CLEANING UP LARGE AMOUNTS	Collect and clean area with water if required. Provide sufficient ventilation of the place affected by the leak. Dispose of material in accordance with regulations.

#### 7. HANDLING AND STORAGE:

PRECAUTIONS FOR SAFE HANDLING	Keep away from foodstuffs or animal feeds Regularly check bulk containers for leaks and damage. Spilled material will be dangerously slippery.
CONDITIONS FOR SAFE STORAGE	Keep containers tightly closed when not in use. Store in cool dry well-ventilated area, out of direct sunlight.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

OCCUPATIONAL EXPOSURE LIMITS	Worksafe WES*				
	Substance [CAS#]	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
	n/a				
	*New Zealand workplace exposure standards				
ENGINEERING CONTROLS	Ensure good ventilation in the workplace through effective local aspiration.				
PERSONAL PROTECTION EQUIPMENT (PPE)  (when handling bulk liquid)	Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment. Eye protection: Safety goggles Hand protection: Chemical resistant gloves Body Protection: Chemical aprons and/or cover-all				

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE	Powder
COLOUR	White to off white with some yellow specks
ODOUR	Characteristic odour
pH (1% aqueous solution)	< 11.5
FREEZING PT (°C)	Not Applicable
BOILING PT (°C)	Not Applicable
FLASH POINT	Not Applicable
FLAMMABILITY	Not Applicable
VAPOUR PRESSURE @25C (mm Hg)	Not Applicable
VAPOUR DENSITY (air)	Not Applicable
SOLUBILITY	Soluble in water
SPECIFIC GRAVITY	Not Applicable
VISCOSITY, @25C (mpas)	Not Applicable

## 10. STABILITY AND REACTIVITY:

CHEMICAL STABILITY	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
CONDITIONS TO AVOID	Temperatures above 50°C and below 0°C
INCOMPATIBLE MATERIALS	Strong acids and alkalis
HAZARDOUS DECOMPOSITION PRODUCTS	No hazardous decomposition products if stored and handled correctly.

## 11. TOXICOLOGICAL INFORMATION:

Acute Toxicity	LD50 (Oral) >2000 mg/kg (estimated by mixture calculation)
Eye	May cause serious eye damage
Skin	May cause skin irritation and/or skin sensitisation
Ingestion	May irritate gastric tract causing nausea and vomiting
Inhalation	May cause respiratory sensitisation
Long term Effects	None anticipated

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## 12. ECOTOXICOLOGICAL INFORMATION:

ENVIRONMENTAL PRECAUTIONS	Avoid release to the environment.
ECOLOGICAL TOXICITY	Avoid release to the environment.
ENVIRONMENTAL FATE	Soil: Not expected to persist in soil Water: Intended for use in normal wastewater system.
ENVIRONMENTAL EXPOSURE LIMITS	EEL(Water) Not available

## 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS	Empty bottle can be recycled. Dispose according to local regulations
SPECIAL PRECAUTIONS FOR LANDFILL OR INCINERATION	None

## 14. TRANSPORT INFORMATION

Not a dangerous good for road (under NZS5433; 2012), train, marine or air transport.

## 15. REGULATORY INFORMATION

Cleaning Products Subsidiary Hazard Group Standard 2020  
HSNO Approval Code: HSR002530

## 16. OTHER INFORMATION

**Issue Date:** 08/ 2022

**Review Date:** 08/ 2027

**Formula number:** V5I5

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