

SAFETY DATA SHEET

Product Name LOTUS ECO NATURAL DISHWASH

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name **Dowco Associates**
Address 62 Riverbank Road, Otaki
Telephone +64 6 364 5767
Fax +64 6 364 5768
Emergency 0800 243 622

Synonym(s) 5 LT

Use(s) DISHWASH LIQUID

SDS Date 03 OCTOBER 2016

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO HAZARDOUS SUBSTANCES [CLASSIFICATION] REGULATIONS 2001

NOT CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005; NZS 5433:2007, UN, IMDG OR IATA

UN No.	None Allocated	DG Class	Non Allocated	Subsidiary Risk(s)	None Allocated
Packing Group	None Allocated	Hazchem Code	None Allocated	EPG	None Allocated

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS NO.	Content
WATER	7732-18-5	≥ 49.0%
CAPB 30%	61789-40-0	< 10.0%
SLES 70%	68585-34-2	< 20.0%
APG 814	110615-47-9	< 10.0%
EDTA	64-02-8	< 2.0%
CITRIC ACID	77-92-9	< 2.0%
ORANGE OIL	8028-48-6	< 2.0%
ADDITIVES	N/A	< 5.0%

4. FIRST AID MEASURES

Eye If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre on 0800 764 766 (0800 POISON) OR +643 479 7248 (New Zealand) or a doctor, or for at least 15 minutes.

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Ingestion For advice, contact a Poisons Information Centre on 0800764 766 (0800 POISONS) or +643 479 7248 (New Zealand) or a doctor (at once). If swallowed, do not induce vomiting.
Advice to Doctor Treat symptomatically

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5. FIRE FIGHTING MEASURES

Flammability	Non flammable. May evolve toxic gases if strongly heated.
Fire and Explosion	Treat as per requirements for Surrounding Fires: Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
Extinguishing	Prevent contamination of drains or waterways.
Hazchem Code	None Allocated.

6. ACCIDENTAL RELEASE MEASURES

Spillage	Use personal protective equipment. Contain spillage, then cover/absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. CAUTION: Spill site may be slippery.
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7. STORAGE AND HANDLING

Storage	No special requirements for the storage of this product.
Handling	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Stds

Ingredient	Reference	TWA		STEL	
		ppm	mg/m3	ppm	mg/m3

Engineering Controls	Avoid inhalation. Use in well ventilated areas.
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PPE	Personal Protective Equipment is not required under normal conditions of use.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	CLEAR LIQUID	Solubility (Water)	Soluble
Odour	ORANGE ODOUR	Specific Gravity	1.0(Approximately)
pH	6.5 TO 7.5	% Volatiles	<5%(Water)
Vapour Pressure	18 mm Hg @ 20°C	Flammability	NON FLAMMABLE
Vapour Density	NOT AVAILABLE	Flash Point	NOT RELEVANT
Boiling Point	100°C (Approximately)	Upper Explosion Limit	NOT RELEVANT
Melting Point	<0°C	Lower Explosion Limit	NOT RELEVANT
Evaporation Rate	AS FOR WATER		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended conditions of storage.
Conditions to Avoid	Avoid mixing with other chemicals and bleach.
Material to Avoid	Compatible with most commonly used materials.
Hazardous Decomposition Products	May evolve toxic gases if heated to decomposition.
Polymerization	Polymerization will not occur.

Product Name LOTUS ECO NATURAL DISHWASH**11. TOXICOLOGICAL INFORMATION**

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms of effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	Swallowing may result in irritation of the gastrointestinal tract
Eye contact:	An eye irritant. Contamination of eye can result in permanent injury
Skin contact:	Contact with skin may result in irritation
Inhalation:	No hazardous reactions when stored and handled correctly
Long Term Effect:	No Information available for the Product

12. ECOLOGICAL INFORMATION

Environment	This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. Not expected to bioaccumulate.
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13. DISPOSAL CONSIDERATIONS

Waste Disposal	For small amounts absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information. If larger amounts are involved. Prevent contamination of drains and waterways as aquatic life may be threatened and environmental damage may result.
Legislation	Disposal of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005: NZS 5433:2007, UN, IMDG OR IATA

Shipping Name	None Allocated				
UN No.	None Allocated	DG Class	None Allocated	Subsidiary Risk(s)	None Allocated
Packing Group	None Allocated	Hazchem Code	None Allocated	EPG	None Allocated

15. REGULATORY INFORMATION

Approval Code	NON HAZARDOUS
Group Name	NON HAZARDOUS

16. OTHER INFORMATION

Issue Date: 03 OCTOBER 2016

Supersedes Date:

MSDS Status: New

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SDS Date: 03 OCTOBER 2016