

# SAFETY DATA SHEET

**Product Name** LOTUS RINSE AID

## 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 & 20 LT

Use(s) DRYING AID FOR AUTOMATIC DISHWASHING MACHINES

SDS Date 01 AUGUST 2018

## 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

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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS NO.	Content
Water	7732-18-5	≥ 77.0%
Orisurf 173	9002-95-9	< 12.0%
Methylated Spirits	64-17-5	< 10.0%
Additives & dye	n/a	< 1.0%

## 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.

## 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.

**PPE** Personal Protective Equipment is not required under normal conditions of use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	light blue low viscosity liquid	<b>Solubility (Water)</b>	Soluble
<b>Odour</b>	no odour	<b>Specific Gravity</b>	1.0(Approximately)
<b>pH</b>	7.5 to 9.0	<b>% Volatiles</b>	@ 25°C: 0.996 + 0.01
<b>Vapour Pressure</b>	NOT RELEVANT5	<b>Flammability</b>	NON FLAMMABLE
<b>Vapour Density</b>	NOT AVAILABLE	<b>Flash Point</b>	NOT RELEVANT
<b>Boiling Point</b>	100°C (Approximately)	<b>Upper Explosion Limit</b>	NOT RELEVANT
<b>Melting Point</b>	<0°C	<b>Lower Explosion Limit</b>	NOT RELEVANT
<b>Evaporation Rate</b>	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.

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## 11. TOXICOLOGICAL INFORMATION

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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

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## 12. ECOLOGICAL INFORMATION

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**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

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**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.

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## 14. TRANSPORT INFORMATION

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

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

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## 15. REGULATORY INFORMATION

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**Approval Code** NON HAZARDOUS

**Group Name** NON HAZARDOUS

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## 16. OTHER INFORMATION

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**Issue Date:** 31 AUGUST 2018

**Supersedes Date:** 01 AUGUST 2014

**MSDS Status:** Revised

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**SDS Date:** 31 AUGUST 2018