



SAFETY DATA SHEET

Li-1000

Date of Issue: 23 August 2021

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Lecithin, methyl esters of fatty acids, and alcohol ethoxylate
Recommended use: Surfactant

Supplier: UPL New Zealand Limited
PO Box 51584, Pakuranga
Auckland
Phone 0800 100 325
www.upl-ltd.com/nz

Emergency telephone number: 0800 CHEM CALL (0800 243 622) 24 Hours

2. HAZARDS IDENTIFICATION

Hazard Classification: 6.1E, 6.3B, 9.1C

Required identification Details: **Signal Word: WARNING**
Keep out of reach of Children.
Read label before use.

May be harmful if swallowed, inhaled or absorbed through the skin.

May cause skin irritation, avoid skin contact or inhalation.
Harmful to aquatic life with long lasting effects. Avoid contamination of any water supply with product or empty container.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients:

Common name	CAS No	%
Lecthin, methyl esters of fatty acids, and alcohol ethoxylate	Proprietary	100%

4. FIRST-AID MEASURES

Description of necessary first aid measures:

For advice, contact the National Poisons Centre 0800 CHEM CALL (0800 243 622) or a doctor immediately.

Effects and symptoms

First-aid measures

Inhalation: Remove victim to fresh air. Apply artificial respiration if

Ingestion:	necessary. No harmful effects expected
Skin contact:	May irritate skin. Wash with soap and water. Get medical attention if irritation persists.
Eye contact:	If concentrate is splashed in the eyes, flush with running water for at least 15 minutes. Get medical attention if irritation persists.
Notes to a physician:	

5. FIRE-FIGHTING MEASURES

HAZCHEM Code:	2Z
Extinguishing media:	Carbon dioxide (CO ₂), dry chemical or Water spray.
Hazardous thermal (de)composition products:	Carbon monoxide from burning
Protection of fire-fighters:	Wear full protective clothing and self contained breathing apparatus. Do not breath smoke or gases.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with skin and eyes. Do not inhale spray. Wear long sleeved shirt, long pants ,waterproof gloves and safety goggles or face shield. Do not eat, drink or smoke when using. Wash hands and face before meals and after work.
Environmental precautions:	Do NOT allow spilled product or wash solution to enter sewers, drains, dams, creeks or any other waterways.
Methods for cleaning up:	In the case of spillage, contain and absorb spilled material with absorbent material such as sand clay or cat litter. Keep out animals and unprotected persons. Keep material out of streams and sewers. Vacuum, shovel or pump waste into an approved drum. To decontaminate spill area, tools and equipment, wash with a suitable solution (ie organic solvent, detergent, bleach or caustic) and add the solution to the drums of wastes already collected. Label for contents. Dispose of drummed wastes, including decontamination solution, in accordance with the requirements of Local Authorities.

7. HANDLING AND STORAGE

Handling:	When mixing or applying, avoid contact with skin and eyes. Wear protective clothing, gloves and goggles. Do not eat or drink while using. Wash hands and face before meals and after work. Wash protective clothing after work.
Storage:	Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from feed, seeds and foodstuffs.
Packaging materials:	Fluorinated HDPE Plastic

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Guidelines

Exposure Standards:	No exposure limit allocated.
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Exposure Standards outside the workplace:

Engineering measures

Exposure control measures:

Personal Protective Equipment

Detail specifications for equipment:

Respiratory system:

Skin and body:

Hands:

Eyes:

General hygiene:

No exposure standards have been set for this product or the active ingredients.

Ensure ventilation is adequate, generally natural ventilation is adequate.

It is good practice to wear suitable personal protective equipment (PPE). When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and face shield or goggles.

Do not inhale spray mist.

When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length and PVC/nitrile gloves and goggles.

Elbow-length and PVC/nitrile gloves.

Wear a face shield or goggles.

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing and safety equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Colour, Odour.

Brown liquid, mild odour.

pH:

6.8 (1% solution)

Vapour Pressure:

Not established.

Boiling Point:

>100°C

Flash Point:

Freezing/melting point:

NA

Solubility:

Emulsifies

Specific Gravity or Density:

0.976 g/ml

Information for flammable material:

Viscosity:

Octanol/water partition coefficient:

Not available

Explosive Properties:

Not explosive

Oxidation Properties:

Not an oxidizer

10. STABILITY AND REACTIVITY

Stability:

Stable under normal storage and use conditions. Do not store below 4°C.

Conditions to avoid:

None known

Materials to avoid:

None known

Hazardous Decomposition

Products:

Will not occur

Hazardous polymerization:

None known

11. TOXICOLOGICAL INFORMATION

Acute toxicity – Oral:

LD₅₀ (rat) >5000mg/kg

Acute toxicity - Dermal:

LD₅₀ (rabbit) >2000 mg/kg

Acute toxicity – Inhalation:

Not established

Skin irritation:

Moderate skin irritant.

Eye irritation:

Not an irritant.

Sensitization: Not a sensitizer.

Chronic toxicity
Carcinogenicity: No data available on this formulation.
Mutagenicity:
Reproduction toxicity:

12. ECOLOGICAL INFORMATION

Aquatic	96 hr LC ₅₀ : 17.6 mg/L (Rainbow Trout) 48 Hr EC ₅₀ : 9.3 mg/L (Daphnia Magna)
Bees	Not established
Soil	Not established
Bioaccumulative potential	Not established
Birds	Not established

13. DISPOSAL CONSIDERATIONS

Methods of disposal: On site disposal of the concentrated product is not acceptable. Ideally, the product should be used for its intended purpose, according to label instructions.



Container Disposal:

Triple rinse containers; add rinsate to the spray tank. Then offer the container for recycling through the Agrecovery programme, or puncture top, sides and bottom and dispose of in landfill in accordance with local regulations.

Empty container precautions: Avoid contamination of any water supply with chemical or empty container.

14. TRANSPORT INFORMATION - International transport regulations

UN number: Not applicable

Class or Division: Not required

Subsidiary Class: NA

Packing Group: III

Marine Pollutant: NA

Proper shipping name: Not a Dangerous Good.

**INTERNATIONAL AIR
TRANSPORT ASSOCIATION
(IATA):**

15. REGULATORY INFORMATION

ACVM Registered Number: NA

HSNO Approval Code: HSR002503

16. OTHER INFORMATION

Additional information: **Original Issue Date:** 5th October 2006
Revision Date: 23 August 2021
Replaces: ES507

Disclaimer EXCLUSION OF LIABILITY: PLEASE READ

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