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

PRODUCT NAME: **DEW DROP**
 MANUFACTURER: Lonza NZ Ltd
 SUPPLIER NAME: Lonza NZ Ltd
 SUPPLIER ADDRESS: 13-15 Hudson Rd, Bell Block, New Plymouth, New Zealand
 SUPPLIER PHONE: +64 6 7559234 SUPPLIER FAX: +64 6 7551174
 EMERGENCY PHONE: 0800 243 622, 0800 CHEMCALL INTERNATIONAL EMERGENCY PHONE: +64 4 917 9888
 CHEMICAL FAMILY: Polyether modified polysiloxane USE: Spray adjuvant

2. HAZARDS IDENTIFICATION:

6.1D; Harmful - may be harmful if swallowed, inhaled or absorbed through the skin.
 6.4A; Harmful - may cause eye irritation. Avoid contact with eyes.
 9.1B; Toxic to fish/aquatic organisms with long-lasting effects.

Refer to Section 15 for NZ EPA Requirements.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME:	CAS NUMBER:	CONCENTRATION %:	HAZARD CLASSIFICATIONS:
Polyether Trisiloxane	134180-76-0	100%	Non Hazardous

4. FIRST - AID MEASURES:

EYE CONTACT: Immediately flush with flowing water for at least 15 minutes. Seek medical attention if irritation persists.
 SKIN CONTACT: Wash with plenty of soap and flowing water for at least 15 minutes while removing contaminated clothing. Wash clothing before reuse.
 INHALATION: Avoid inhalation of mists or spray which may be irritating. Remove victim to a source of fresh air and seek medical advice.
 INGESTION: If swallowed, rinse mouth with water immediately. DO NOT induce vomiting. Seek medical attention.
 NOTES TO DOCTOR: No specific antidote. Treat symptomatically.

5. FIRE FIGHTING MEASURES:

FLASHPOINT:	Greater than 100°C.	HAZCHEM CODE:	2X
FLAMMABLE LIMITS:	Not available.		
EXTINGUISHING MEDIA:	Foam, Carbon dioxide, Dry powder, Water spray.		
THERMAL DECOMPOSITION PRODUCTS:	Carbon monoxide, Carbon dioxide, Silicone Dioxide.		
SPECIAL FIRE FIGHTING METHODS	Addition of water may cause excessive foaming. Vapours may be toxic. Self-contained breathing apparatus required. Do not allow contaminated runoff to enter drain		
UNUSUAL FIRE OR EXPLOSION HAZARDS:	None.		

6. ACCIDENTAL RELEASE MEASURES:

Use appropriate protective equipment. Clear area of unnecessary personnel. Spills may be slippery and should be cleaned up immediately.
 Large spill: Dike and pump as much as possible to a salvage container. Absorb the remaining liquid and any small spills with clay granules, sand or other absorbent material and sweep to a waste container. Cover the spill area with water and absorb. Minimise runoff into waterways or drains.

7. HANDLING AND STORAGE:

Harmful - Keep out of reach of children.
 Store in original container, tightly closed away from food, food related materials, animal feedstuffs, seed or fertilizer.
 Chemical resistant gloves and eye protection should be worn when handling this product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS: No appreciable vapour pressure at normal ambient temperatures.
 EYE PROTECTION: Avoid contact with eyes. Wear a face shield or full chemical workers goggles when there is a risk of a splash.
 RESPIRATORY PROTECTION: Not normally required. Exceptions: in the case of fire or during the formation of mists or aerosols.
 PROTECTIVE CLOTHING: Wear impervious outer clothing - Vinyl apron, gloves and gumboots.
 VENTILATION: General (mechanical) room ventilation is considered satisfactory. Use in a well ventilated area.
 HYGIENE PRECAUTIONS: Do not eat drink or smoke while working with this product. Remove clothing that becomes soaked or contaminated and wash before reuse. Wash hands before breaks and after work. The use of a skin barrier cream is useful to give additional skin protection.

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9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE / STATE / ODOUR: Light yellow liquid with characteristic odour.
BOILING POINT: Not available. pH: 7-8.
DENSITY: 1.02. SETTING POINT: Not available.
DECOMPOSITION TEMP: Not available. AUTOIGNITION TEMP: Not applicable.
FLASHPOINT: 102°C DIN51758. VAPOUR DENSITY: Not available.
EXPLOSION PROPERTIES: Not applicable. VAPOUR PRESSURE: Not available.
SOLUBILITY: 40 g/L at 25°C in water.
OTHER DATA:
OCTANOL / WATER PARTITION COEFFICIENT: Not available.

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID: No hazardous reactions with proper storage and handling.
MATERIALS TO AVOID: None.
HAZARDOUS DECOMPOSITION: None.

11. TOXICOLOGICAL INFORMATION:

ACUTE ORAL: 3200 mg/kg rat.
ACUTE DERMAL: LD50 1550 mg/kg rabbit.
ACUTE INHALATION: LC50 AEROSOL 1.08 mg/L 4 hours rat Method OECD 403.
OTHER TOXICITY INFORMATION:
Eye irritant and may cause skin irritation. Avoid contact with eyes and skin.
May also be harmful by inhalation.

12. ECOLOGICAL INFORMATION:

Aquatic Toxicity: Rainbow Trout 2.1 mg/mL.
Soil Toxicity: Not toxic to worms.
Terrestrial Vertebrates - Birds: Not toxic to birds.
Terrestrial Invertebrates - Bees: Not toxic to bees.

Toxic to fish/aquatic organisms with long lasting effects. Avoid contamination of any water supply with this product or empty container.

13. DISPOSAL CONSIDERATIONS:

Dispose of this product only by using according to the label, and container at an approved landfill or Agrecovery Depot. Avoid contamination of any water supply or stream with product or empty container.

14. TRANSPORT INFORMATION:

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Polyether trisiloxane)
UN Number: 3082 UN Hazard Class: 9
Packing Group: III Hazchem Code: 2X
Additional Information:

15. REGULATORY INFORMATION:

This product DOES NOT have Approved Handler, Tracking, or Record Keeping Requirements.

Approved pursuant to the HSNO Act 1996. NZ EPA Approval Code: HSR002503 See <www.epa.govt.nz> for controls.

16. OTHER INFORMATION:

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.