

SAFETY DATA SHEET

AGPRO FORESTRY Organo Blue



1. SUBSTANCE IDENTIFICATION

SUPPLIER NAME	AGPRO (N.Z.) Limited
SUPPLIER ADDRESS	10 Polaris Place, East Tamaki, Auckland 2013 PO Box 58-963, Botany, Auckland 2163
SUPPLIER CONTACT DETAILS	09 273 3456 or freephone 0508 536 536 www.agpro.co.nz
EMERGENCY PHONE	
POISON INFORMATION	0800 POISON (0800 764 766) 24 hours
CHEMICAL EMERGENCY	0800 CHEMCALL (0800 243 622) 24 hours
ACTIVE INGREDIENT(S) AND PRESENTATION	Polyether modified trisiloxane liquid
USE	Adjuvant

2. HAZARDS IDENTIFICATION

Classified as Hazardous according to the NZ Environmental Protection Authority criteria.

GHS CLASSIFICATIONS	Acute inhalation toxicity Category 4 Hazardous to the aquatic environment chronic Category 2
SIGNAL WORD	WARNING
PICTOGRAMS	Two GHS hazard pictograms are shown side-by-side. The first is a red diamond containing a black exclamation mark, representing 'Irritant' or 'Harmful'. The second is a red diamond containing a black silhouette of a dead tree and a fish, representing 'Hazardous to the environment'.
HAZARD STATEMENTS	H332 Harmful if inhaled. H411 Toxic to aquatic life with long lasting effects.
PREVENTION STATEMENTS	P102 Keep out of reach of children. P103 Read label before use P261 Avoid breathing mist/spray. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P273 Avoid unintended release to the environment.
RESPONSE STATEMENTS	P101 If medical advice is needed, have product container or label on hand. P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTRE or doctor if you feel unwell. P363 Wash contaminated clothing before reuse. P391 Collect spillage.
STORAGE STATEMENTS	See Section 7.
DISPOSAL STATEMENTS	P501 Dispose of contents/containers in accordance with relevant regulations. See Section 13.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

COMMON NAME	CAS NUMBER	CONCENTRATION %w/v
Polyether modified trisiloxane	134180-76-0	>60% w/v
Non-hazardous ingredients	Proprietary	Balance to volume

4. FIRST AID MEASURES

For advice call the National Poisons Centre 0800 POISON (0800 764 766) 24 hours or a doctor. If medical advice is needed have product container or label to hand.

EYE CONTACT	Rinse cautiously for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.
SKIN (or hair) CONTACT	Remove contaminated clothing. Flush skin with plenty of water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
INHALATION	Remove to fresh air and keep at rest in a position comfortable for breathing. Apply artificial respiration if not breathing. Call a doctor if you feel unwell.
INGESTION	Do NOT induce vomiting. Call the POISON CENTRE or a doctor if you feel unwell.
NOTES TO DOCTOR	Treat symptomatically.
FIRST AID FACILITIES	Hand and eye wash facilities and a safety shower should be available.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Alcohol resistant foam is preferred fire-fighting medium but if it is not available, standard foam can be used. Prevent extinguishing media from entering drains.
THERMAL DECOMPOSITION PRODUCTS	Non-flammable. Thermal decomposition may produce toxic fumes and compounds.
SPECIAL FIRE FIGHTING METHODS	Self-contained breathing apparatus with full face-piece and protective clothing. Cool fire exposed containers with water spray.
HAZCHEM CODE	3Z

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Exclude non-essential people from the area. Wear Personal Protective Equipment (PPE) as detailed in Section 8 of the SDS.
ENVIRONMENTAL PRECAUTIONS	Prevent product from entering waterways or drains.
SPILLS AND DISPOSAL	Spills may be slippery and should be cleaned up immediately. Contain spillage, then cover/absorb with inert, non-combustible absorbent material (attapulgate or similar). Collect and place in suitable sealed, labelled containers for disposal. Wash area and absorb with further inert material. Dispose of safely at an approved landfill. See Section 13 for details on disposal.

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7. HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING	Carefully read the label before use. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands and face before eating. Prohibit eating, drinking and smoking in contaminated areas
STORAGE	Store in original container, tightly closed, in a secure, dry, cool and well-ventilated area and avoid direct sunlight. Store away from foodstuffs, fertilisers or seeds. Storage must be in accordance with NZS 8409 Management of Agrichemicals. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Stores containing 1000 litres or more of AGPRO FORESTRY Organo Blue require secondary containment, signage and an emergency response plan.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS	A NZ Workplace Exposure Standard (WEST) TWA 150 ppm / 474 mg/m ³ (vapour and particulates) has been established for Propylene Glycol [CAS: 57-55-6]
EYE PROTECTION	Wear eye protection.
RESPIRATORY PROTECTION	Where an inhalation risk exists, wear a Type A (Organic-Vapour) respirator.
PROTECTIVE CLOTHING	Wear chemically resistant gloves, coveralls, socks and chemical-resistant footwear.
VENTILATION	Avoid inhalation. 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 and face after handling before breaks and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/STATE/ COLOUR	Transparent slightly blue coloured liquid
ODOUR	Not Available
ODOUR THRESHOLD	Not Available
pH (1% aqueous)	6.5 – 8.5
MELTING POINT/FREEZING POINT	Not Available
INITIAL BOILING POINT/BOILING RANGE	Not Available
FLASHPOINT	Not Applicable
FLAMMABILITY	Not flammable
UPPER/LOWER FLAMMABILITY LIMITS	Not Available
VAPOUR PRESSURE	Not Available
VAPOUR DENSITY	Not Available
RELATIVE DENSITY	1.01 g/ml @ 25°C (typical)
SOLUBILITY	Disperses fully in water

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9. PHYSICAL AND CHEMICAL PROPERTIES

OCTANOL/WATER PARTITION COEFFICIENT	Not Available
AUTOIGNITION TEMP	Not Applicable
DECOMPOSITION TEMPERATURE	Not Available.
KINEMATIC VISCOSITY	Not Available
PARTICLE CHARACTERISTICS	Not Applicable

10. STABILITY AND REACTIVITY

STABILITY	Stable under normal storage conditions in original container for two years.
CONDITIONS TO AVOID	None known.
MATERIALS TO AVOID	None known.
HAZARDOUS DECOMPOSITION PRODUCTS	Hazardous polymerisation will not occur. Thermal decomposition may produce toxic fumes and compounds.

11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS	No toxicological data is available for the finished product.
ORAL TOXICITY	LD50 (rat) >2,000 mg/kg for polyether modified trisiloxane
DERMAL TOXICITY	LD50 (rat) >2,000 mg/kg for polyether modified trisiloxane
INHALATION TOXICITY	Harmful if inhaled. Rat (4hr) >11.78 mg/L for polyether modified trisiloxane
EYE CORROSION/IRRITANCY	No information
SKIN CORROSION/IRRITANCY	No information
CHRONIC EFFECTS	
CARCINOGENICITY	No information
REPRODUCTIVE TOXICITY	No information
GERM CELL MUTAGENICITY	No information
ASPIRATION	No information
SENSITISATION	Non sensitiser
STOT/SE	No information
STOT/RE	No information
NARCOTIC EFFECTS	No information

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12. ECOLOGICAL INFORMATION

TOXICITY	Toxic to aquatic life with long lasting effects.
PRECAUTIONS	This product must not be applied directly into or onto water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the area of application. Avoid contamination of any waterways with product or empty container.
ECOTOXICITY INFORMATION	Polyether modified trisiloxane LD50 (rainbow trout, 96 hr) 2.1 mg/L NOEC (rainbow trout 96hr), 1mg/L
BIOACCUMMULATIVE	No data available
READILY DEGRADABLE	Not readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Do not contaminate streams, rivers or waterways with the chemical or the used container.

PRODUCT DISPOSAL	Dispose of by using product as intended, according to the label directions. If this is not possible, contact your supplier or chemical recycling facility.
CONTAINER DISPOSAL	Triple rinse container and add residue to spray tank. Return empty container to an Agrecovery collection point for disposal, or puncture and dispose of at an approved facility. Do NOT burn. Do not use the container for any other purpose.

14. TRANSPORT INFORMATION

Classified as a Dangerous Good according to Land Transport Rule: Dangerous Goods 2005, NZS 5433:2020, IMDG or IATA.



	Land Transport (NZS 5433)	Sea Transport (IMDG/IMO)	Air Transport (IATA/ICAO)
UN Number	3082	3082	3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (polyether modified trisiloxane)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (polyether modified trisiloxane)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (polyether modified trisiloxane)
Transport Hazard Class	9	9	9
Subsidiary Class	-	-	-
Packing Group	III	III	III
Hazchem	3Z	3Z	-
Marine Pollutant	Yes		

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15. REGULATORY INFORMATION

ACVM REGISTRATION	Exempt from registration under the ACVM Act 1997.
HAZARDOUS SUBSTANCE APPROVAL CODE	Approved pursuant to the HSNO Act 1996, Approval Code HSR002503 Additives Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2020. See the EPA website for approval controls www.epa.govt.nz
RECORDS OF APPLICATION	Not applicable
ADDITIONAL HSNO CONTROLS	None allocated.

16. OTHER INFORMATION

SDS ISSUE DATE	30 January 2025
SDS REVIEW DATE	January 2030
REFERENCES	Supplier SDS NZ Workplace Exposure Standard and Biological Exposure Indices (November 2023) NZ Chemical Classification Information Database NZ EPA Hazardous Substance Approvals and Group Standards Databases
ABBREVIATIONS	
ACVM	Agricultural Compounds and Veterinary Medicines
CAS Number	Chemical Abstract Service Number - used to uniquely identify chemical compounds
EPA	Environmental Protection Authority (New Zealand)
g/L	Grams per litre
GHS	Globally Harmonised System
HSNO	Hazardous Substances and New Organisms
LC50	Lethal Concentration, 50%/Median Lethal Concentration
LD50	Lethal Dose, 50%/Median Lethal Dose
mg/m ³	Milligrams per cubic metre
STEL	Short Term Exposure Limit
WES	Workplace Exposure Standard
IMDG/IMO	International Maritime Dangerous Goods/International Maritime Organisation
IATA/ICAO	International Air Transport Association/International Civil Aviation Organisation
TLV	Threshold Limit Value
TWA	Time Weighted Average
OEL	Occupational Exposure Limit

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 product's properties.

End of Safety Data Sheet