


## AGPRO Organosilicone P

## 1. SUBSTANCE IDENTIFICATION

SUPPLIER NAME	AGPRO NZ 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	Contains polyether trisiloxane
USE	Adjuvant

## 2. HAZARDS IDENTIFICATION

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

GHS CLASSIFICATIONS	Eye irritation Category 2 Acute inhalation toxicity Category 4
HSNO CLASSIFICATIONS	6.1D, 6.4A,
SIGNAL WORD	WARNING
PICTOGRAMS	
HAZARD STATEMENTS	H319 Causes serious eye irritation. H332 Harmful if inhaled.
PREVENTION STATEMENTS	P102 Keep out of reach of children. P103 Read label before use P261 Avoid breathing mist/vapours/spray. P264 Wash face and hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area.

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## 2. HAZARDS IDENTIFICATION

RESPONSE STATEMENTS	P280	Wear protective gloves / protective clothing / eye protection / respiratory protection / face protection.
	P101	If medical advice is needed, have product container or label on hand.
	P280	Wear protective gloves / protective clothing / eye protection / face protection.
	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/physician if you feel unwell.
	P337 + P313	If eye irritation persists: Get medical advice/attention.
	P305 + P351 +P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
STORAGE STATEMENTS	P363	Wash contaminated clothing before reuse.
DISPOSAL STATEMENTS		See Section 7.
	P501	Dispose of contents/containers in accordance with relevant regulations. See Section 13.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

COMMON NAME	CAS NUMBER	CONCENTRATION %w/v
Polyether trisiloxane	134180-76-0	≥60%
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 doctor if you feel unwell.
INGESTION	Do NOT induce vomiting. Call the POISON CENTRE or a doctor if you feel unwell.
IF EXPOSED OR CONCERNED	Get medical attention/advice.
NOTES TO DOCTOR	Treat symptomatically.
FIRST AID FACILITIES	Hand and eye wash facilities and safety shower should be available.

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## 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Use extinguishing media suitable to the surrounding environment. Prevent extinguishing media from entering drains.
THERMAL DECOMPOSITION PRODUCTS	Non-flammable. Thermal decomposition may produce toxic fumes and compound.
SPECIAL FIRE FIGHTING METHODS	Self-contained breathing apparatus with full face-piece and protective clothing. Cool fire exposed containers with water spray.
HAZCHEM CODE	Not applicable.

## 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 (attapulgitite or similar). Collect and place in suitable sealed, labelled containers for disposal. Wash area with water and absorb with further inert material. Dispose of safely at an approved landfill. See Section 13 for details on disposal.

## 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.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS	Not established.
EYE PROTECTION	Wear eye protection.
RESPIRATORY PROTECTION	Wear respiratory protection (organic vapour cartridge) when mixing/applying or if there is risk of inhalation.
PROTECTIVE CLOTHING	Wear chemically resistant gloves, coveralls, socks and chemical-resistant footwear.
VENTILATION	Avoid inhalation. Use in a well-ventilated area.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## 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	Clear light green liquid
ODOUR	Not Available
ODOUR THRESHOLD	Not Available
pH	6 - 8
MELTING POINT/FREEZING POINT	Not Available
INITIAL BOILING POINT/BOILING RANGE	Not Available
FLASHPOINT	>96°C
FLAMMABILITY	Not flammable
UPPER/LOWER FLAMMABILITY LIMITS	Not Available
VAPOUR PRESSURE	Not Available
VAPOUR DENSITY	Not Available
RELATIVE DENSITY	1.0 – 1.1 g/ml @ 25°C
SOLUBILITY	Soluble in water
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	Strong acids/bases. Oxidising and reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS	Hazardous polymerisation will not occur. Thermal decomposition may produce toxic fumes and compounds.

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## 11. TOXICOLOGICAL INFORMATION

<b>ACUTE EFFECTS</b>	No toxicological data is available for the finished product.
ORAL TOXICITY	Polyethersiloxane LD50 (Rat) >2000 mg/kg
DERMAL TOXICITY	Polyethersiloxane LD50 (Rat) >2000 mg/kg
INHALATION TOXICITY	Harmful if inhaled Polyethersiloxane LC50 (Rat, 4hr) 1.08 mg/L
EYE CORROSION/IRRITANCY	Causes serious eye irritation
SKIN CORROSION/IRRITANCY	No information
<b>CHRONIC EFFECTS</b>	
CARCINOGENICITY	No information
REPRODUCTIVE TOXICITY	No information
GERM CELL MUTAGENICITY	No information
ASPIRATION	No information
STOT/SE	No information
STOT/RE	No information
NARCOTIC EFFECTS	No information

## 12. ECOLOGICAL INFORMATION

TOXICITY	Not classified as hazardous to the environment.
PRECAUTIONS	Whilst no significant adverse effects on aquatic organisms are expected, this product must not be intentionally 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	Polyethersiloxane LC50 (Rainbow Trout, 96hr) 2.1 mg/L EC50 (Daphnia magna, 48hr) 34.9 mg/L
BIOACCUMMULATIVE	No information
READILY DEGRADABLE	Yes

## 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.

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## 14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005, NZS 5433:2020, IMDG OR IATA.

## 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
ADDITIONAL HSNO CONTROLS	See the EPA website for approval controls <a href="http://www.epa.govt.nz">www.epa.govt.nz</a> None allocated.

## 16. OTHER INFORMATION

SDS ISSUE DATE	29 June 2023
SDS REVIEW DATE	May 2028
REFERENCES	Supplier SDS NZ Workplace Exposure Standard and Biological Exposure Indices (April 2022) 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 <sup>3</sup>	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

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## 16. OTHER INFORMATION

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