



# SAFETY DATA SHEET

## ORGANOSILICONE

### 1. SUBSTANCE IDENTIFICATION

#### AGPRO Red Marker Dye E

Supplier name: AGPRO NZ Limited  
Supplier address: 10 Polaris Place, East Tamaki, Auckland.  
Supplier phone: 09 273 3456  
Emergency phone: Poison information: 0800 POISON (0800 764 766) 24 hours  
Chemical emergency: 0800 CHEMCALL (0800 243 622) 24 hours  
Chemical family: Siloxane  
Use: Adjuvant

### 2. HAZARDS IDENTIFICATION

Hazardous according to NZ Environmental Protection Authority Criteria

GHS Classifications: Acute inhalation toxicity Category 4  
Skin irritant Category 2  
Eye irritant Category 2  
Hazardous to the aquatic environment chronic Category 2

HSNO Classifications: 6.1D, 6.3A, 6.4A, 9.1B

Pictograms:



Signal Word: WARNING

#### Hazard Statements

H332 Harmful if inhaled.  
H315 Causes skin irritation  
H319 Causes serious eye irritation  
H411 Toxic to aquatic life with long lasting effects.

#### Prevention Statements

P102 Keep out of reach of children  
P103 Read carefully and follow all instructions  
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.  
P273 Avoid release to the environment.  
P280 Wear protective gloves / protective clothing / eye protection / face protection

#### Response Statements

P101 If medical advice is needed, have product container or label on hand  
P302 + P352 IF ON SKIN: Wash with plenty of water.  
P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
P305 + P351 +P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.  
P362 + P364 Take off contaminated clothing and wash before re-use.  
P363 Wash contaminated clothing before reuse.

Storage Statements  
See section 7

Disposal Statements  
P501 Dispose of contents/containers in accordance with relevant regulations. See section 13

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

COMMON NAME	CAS NUMBER	CONCENTRATION
Polyether modified trisiloxane	proprietary	>50%

### 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 occurs, get medical attention/advice.  
Skin (or hair) Contact: Remove contaminated clothing and flush skin and hair with running water. If skin irritation occurs, get medical advice/ attention.  
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. Rinse mouth. Call the POISON CENTRE or a doctor if you feel unwell.  
Notes To Doctor: Treat symptomatically.  
First Aid Facilities: Eye wash facilities and safety shower should be available.

### 5. FIRE FIGHTING MEASURES

Extinguishing Media: Water fog, carbon dioxide or dry chemical. 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.  
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 labeled containers for disposal. Wash area with water and absorb with further inert material. See section 13 for details on disposal.  
Environmental Precautions: Prevent product from entering waterways or drains.

### 7. HANDLING AND STORAGE

Precautions For Safe 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 and face before eating. Prohibit eating, drinking and smoking in contaminated areas  
Safe 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 NZS8409 Management of Agrichemicals. Ensure containers are adequately

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:	Not established.
Eye Protection:	Where eye contact is likely, wear splash-proof goggles.
Respiratory Protection:	Respiratory protection is not required if good ventilation is maintained. Where an inhalation risk exists, wear a Type A (Organic Vapour) respirator.
Protective Clothing:	Where contact is likely, wear chemical-resistant gloves, coveralls, socks and chemical-resistant footwear.
Ventilation:	Avoid inhalation. Use in 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 before breaks and after work.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / State / Odour:	Clear pale amber liquid	pH:	6.5 – 8.5
Boiling Point:	Not Available.	Setting Point:	Not Available.
Density:	1.01 – 1.03/mL @ 25°C	Vapour Density:	Not Available.
Decomposition Temp:	Not Available.	Vapour Pressure:	Not Available.
Flashpoint:	>93°C.	Autoignition Temp:	Not Available.
Explosion Properties:	Not Applicable.		
Solubility:	Disperses fully in water		
Octanol / Water Partition Coefficient:	Not Available		
Other Data:			

## 10. STABILITY AND REACTIVITY

Conditions to Avoid:	None known.
Materials to Avoid:	Strong acids/bases. Oxidising and reducing agents.
Hazardous Decomposition Products:	Thermal decomposition may produce toxic fumes and compounds.

## 11. TOXICOLOGICAL INFORMATION

Acute Oral:	LD50 (rat) >10,000 mg/kg not classified
Acute Dermal:	LD50 (rat) 4500 mg/kg not classified
Acute Inhalation:	Rat (4hr) >11.78 mg/L
Other Toxicity Information:	None available

<u>Acute</u>	
Swallowed:	No more than slightly toxic.
Eye:	Causes serious eye irritation.
Skin:	Causes skin irritation.
Inhaled:	No more than slightly toxic.

Chronic : Long-term exposure is not thought to produce chronic effects adverse to the health.

## 12. ECOLOGICAL INFORMATION

Precautions:	Do not apply into or onto water.
Toxicity:	Harmful to aquatic life with long lasting effects.
Ecotoxicological Information:	L50 (rainbow trout, 96 hr) 2.1 mg/L NOEC (Rainbow trout, 96hr) 1 mg/L
Bioaccumulative:	No data available
Readily Degradable:	No

### 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; for small amounts, absorb with inert, non-combustible absorbent material (attapulgate or similar). Collect and place in suitable, labelled containers and safely dispose at an approved landfill. For large amounts contact your supplier or chemical recycling facility.

**Container Disposal:** Triple rinse container and add residue to spray tank. Do not burn. Return empty container to an AgRecovery collection point for disposal. Do not use the container for any other purpose. Do not contaminate streams, rivers or waterways with the chemical or the used container.

### 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	III	III	III
Packing Group	3Z	3Z	III
Hazchem	2WE	2WE	

The environmentally hazardous substance mark is not required when transported in packages of less than 5kg/L (UN Model Regulations: Special Provision 375; IATA Special Provision A197; IMDG; Special Provision 969)

### 15. REGULATORY INFORMATION

See the EPA website for approval controls [www.epa.govt.nz](http://www.epa.govt.nz)

EPA Approval Code: HSR002503

Group Standard: Additives Process Chemicals and Raw Materials Subsidiary Hazard Group Standard 2020

### 16. OTHER INFORMATION

SDS issue date: 04 November 2021

SDS review date: November 2026

#### Abbreviations

CAS NUMBER Chemical Abstract Service number - used to uniquely identify chemical compounds  
EPA Environmental Protection Agency (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 meter
STEL	Short term exposure limit
WSE	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 products' properties.

**End of Safety Data Sheet**