



# SAFETY DATA SHEET

## OILMATE II®

Date of Issue: 25 October 2016

### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

**Chemical name of active ingredient(s):** Polyether modified trisiloxane  
**Recommended use:** Adjuvant  
**Supplier:** Etec Crop Solutions Limited  
PO Box 51584  
Pakuranga, Auckland  
Phone 0800 100 325  
**Emergency telephone number:** 0800 Poison (0800 764 766) 24 Hours

### 2. HAZARDS IDENTIFICATION

**Hazard Classification:** 6.1D, 6.4B, 9.1C  
**Required identification Details:**

Eye irritation Category 2  
Acute toxicity Category 4 (inhalation)  
Chronic aquatic toxicity Category 3  
Signal Word: Warning  
Hazard Risk Statement: Causes serious eye irritation.  
Harmful if inhaled.  
Harmful to aquatic life with long lasting effects.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Polyether modified trisiloxane	134180-76-0	>=75

### 4. FIRST-AID MEASURES

#### Description of necessary first aid measures:

#### Effects and symptoms

#### First-aid measures

#### **Inhalation:**

Avoid Breathing mist or spray vapours. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

#### **Ingestion:**

Seek medical advice immediately.

#### **Skin contact:**

In case of contact with skin wash off with soap and water.

#### **Eye contact:**

In case of contact with eyes rinse thoroughly with plenty of clean water for at least 15 minutes and seek medical advice.

#### **Notes to a physician:**

Treat Symptomatically.

---

## 5. FIRE-FIGHTING MEASURES

<b>HAZCHEM Code:</b>	2Z
<b>Extinguishing media:</b>	Foam, carbon dioxide (CO <sub>2</sub> ), dry powder, water spray)
<b>Hazardous thermal (de)composition products:</b>	In the event of fire the following can be released: - carbon monoxide, carbon dioxide, silicon dioxide
<b>Protection of fire-fighters:</b>	Wear full protective clothing and self contained breathing apparatus. Do not breathe smoke or gases.

---

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Avoid contact with skin and eyes. Do not inhale spray or mist. 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.
<b>Environmental precautions:</b>	Do NOT allow spilled product or wash solution to enter sewers, drains, dams, creeks or any other waterways.
<b>Methods for cleaning up:</b>	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 (i.e. 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

<b>Handling:</b>	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.
<b>Storage:</b>	Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from feed, seeds and foodstuffs.
<b>Packaging materials:</b>	Fluorinated HDPE Plastic

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Workplace Exposure Guidelines

<b>Workplace exposure standards:</b>	No exposure limit allocated.
<b>Exposure Standards outside: The workplace:</b>	No exposure standards have been set for this product or the active ingredients.
<b><u>Engineering measures</u></b>	
<b>Exposure control measures:</b>	Ensure ventilation is adequate, generally natural ventilation is adequate.

### Personal Protective Equipment

#### **Detail specifications for equipment:**

<b>Respiratory system:</b>	Do not inhale spray mist.
<b>Skin and body:</b>	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.
<b>Hands:</b>	Elbow-length and PVC/nitrile gloves
<b>Eyes:</b>	Wear goggles.
<b>General hygiene:</b>	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

<b>Physical State:</b>	Liquid
<b>Colour:</b>	Light yellow,
<b>Odour:</b>	Characteristic
<b>pH:</b>	8
<b>Vapour Pressure:</b>	Not established
<b>Boiling Point:</b>	>100°C @ 760 mmHg
<b>Freezing/melting point:</b>	Not established
<b>Solubility:</b>	Soluble
<b>Specific gravity or density:</b>	Approx. 1.02 g/cm <sup>3</sup> at 25°C
<b>Information for flammable material including:</b>	Non combustible material.
<b>Octanol/water partition coefficient:</b>	Not available
<b>Explosion properties:</b>	Not explosive
<b>Oxidation properties:</b>	Not an oxidizer

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions.
<b>Conditions to avoid:</b>	None known.
<b>Materials to avoid:</b>	No hazardous reactions with proper storage and handling
<b>Hazardous decomposition Products:</b>	None with proper storage and handling
<b>Hazardous polymerization:</b>	Is not possible
<b>Specific Data:</b>	
<b>Hazardous reactions:</b>	None known.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity – Oral: LD<sub>50</sub></b>	>3,200 mg/kg (rat)
<b>Acute toxicity - Dermal: LD<sub>50</sub></b>	>1,550 mg/kg (rabbit) >2,000 mg/kg (rat)
<b>Acute toxicity – Inhalation: LC<sub>50</sub></b>	No data available
<b>Skin irritation:</b>	Slightly irritating (rabbit)
<b>Eye irritation:</b>	Strongly irritant (rabbit)
<b>Sensitization:</b>	Not a sensitizer (guinea pig)
<b>Chronic toxicity</b>	No data available on this formulation. No chronic effects expected.
<b>Other information:</b>	

---

## 12. ECOLOGICAL INFORMATION

<b>Fish</b>	LC50: sunfish (dose = 15mg/l, exposure time = 96hr)
<b>Daphnia magna</b>	EC50: daphnia magna (dose = 177mg/l, exposure time = 48hr)
<b>Soil</b>	In soil, siloxanes are degraded.
<b>Bioaccumulative potential :</b>	This product does is considered to be a weak water pollutant.
<b>Birds</b>	Do not pose a threat to birds.

---

## 13. DISPOSAL CONSIDERATIONS

<b>Methods of disposal:</b>	Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, follow the recommendations in NZS 8409. <b>CONTAINER DISPOSAL:</b> Triple rinse container and add residue to spray tank. Burn if permitted and circumstances, especially wind direction allow, otherwise bury in landfill.
-----------------------------	---

---

## 14. TRANSPORT INFORMATION -International transport regulations

<b>UN number:</b>	Not applicable
<b>Class or Division:</b>	Not regulated
<b>Classification Code:</b>	Not a Dangerous Good.
<b>Packing Group:</b>	IMDG Pack. Group III
<b>Marine Pollutant:</b>	N/A
<b>Proper shipping name:</b>	N/A

### INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

---

## 15. REGULATORY INFORMATION

<b>ACVM Registered Number:</b>	Not applicable
<b>HSNO Approval Code:</b>	HSR002503

---

## 16. OTHER INFORMATION

<b>Additional information:</b>	<b>Original Issue Date:</b> 01 September 2006 <b>Revision Date:</b> 25 October 2016 <b>Replaces:</b> ES269
--------------------------------	--

### Disclaimer EXCLUSION OF LIABILITY: PLEASE READ

This data in this SDS are based upon up to date information available at the time of issue. To the extent permitted by law, users of these information accept that neither the manufacturer, Etec Crop Solutions Ltd Limited as distributor, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these information.

*Oil-Mate® is a Registered Trademark of Etec Crop Solutions Ltd*

