

# SAFETY DATA SHEET



## SLIKKA™

Date of Issue: 04.12.2017

### 1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

**Chemical name of active ingredient(s):** Polyalkyleneoxide modified heptamethyltrisiloxane  
**Recommended use:** Super wetter and penetrant  
**Supplier:** PGG Wrightsons Limited  
57 Waterloo Road  
Christchurch  
Phone: (03) 372 0800  
**Emergency telephone number:** 0800 Poison (0800 764 766) 24 Hours

### 2. HAZARDS IDENTIFICATION

**Hazard Classification:** 6.1D, 6.4A, 6.9B, 9.1B  
**Required identification Details:** **HARMFUL** – may be harmful if swallowed, inhaled or absorbed through the skin. May cause eye irritation. Avoid contact with skin and eyes. May cause organ damage from repeated oral exposure.  
**ENVIRONMENTAL WARNING:** Harmful to aquatic organisms. Avoid contamination of any water supply with product or empty container.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance/preparation information on hazardous ingredients

Common name	CAS No	%
Polyoxyethylene monoallyl ether	27274-31-3	10 – 30%
Polyalkyleneoxide modified heptamethyltrisiloxane	67674-67-3	60 – 80%

### 4. FIRST-AID MEASURES

#### Description of necessary first aid measures:

For advice, contact the National Poisons Centre **0800 POISON (0800 764 766)** or a doctor immediately.

#### Effects and symptoms

#### First-aid measures

<b>Inhalation:</b>	Remove affected person to fresh air until recovered. If symptoms develop or persist, seek medical advice.
<b>Ingestion:</b>	If swallowed do NOT induce vomiting. Contact the National Poisons Centre (0800 764 766) or call a doctor immediately.
<b>Skin contact:</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and/or hair with running water for several minutes.
<b>Eye contact:</b>	If eye contact occurs flush eyes with clean running water for 15 minutes.
<b>Notes to a physician:</b>	Apply symptomatic treatment.

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## 5. FIRE-FIGHTING MEASURES

<b>HAZCHEM Code:</b>	2X
<b>Extinguishing media :</b>	Water, foam, carbon dioxide or dry chemicals. Do not direct jets of water or foam into hot burning pools as this may increase frothing and fire intensity.
<b>Hazardous thermal (de)composition products:</b>	If involved in a fire, may emit oxides of carbon and silicon.
<b>Protection of fire-fighters:</b>	Self contained breathing apparatus and protective clothing.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Wear suitable personal protective equipment (PPE). 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 PVC gloves and face shield or goggles.
<b>Environmental precautions:</b>	This product is a herbicide and spills can damage crops, pastures and desirable vegetation. Prevent from entering drains, waterways or sewers.
<b>Methods for cleaning up:</b>	Contain spill and absorb with clay, sand, soil or proprietary absorbent (such as vermiculite). Collect spilled material and waste in sealable open-top type containers for disposal.

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## 7. HANDLING AND STORAGE

<b>Handling:</b>	Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in
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**Storage:** direct sunlight. Keep out of the reach of children. Stores containing more than 100 litres of SLIKKA require secondary containment and an emergency response plan.

**Packaging materials:** HDPE Plastic Containers.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Workplace Exposure Guidelines

**Workplace exposure standards:**

**TEL:** Not Set

**EEL:** Not Set

**Exposure Standards outside:**

**The workplace:** None Set

### Engineering measures

**Exposure control measures:** Handle in well ventilated areas, generally natural ventilation is adequate.

### Personal Protective Equipment

**Detail specifications for equipment:**

It is good practice to wear suitable personal protective equipment (PPE). 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 PVC gloves and face shield or goggles.

**Respiratory system:**

Avoid inhalation of spray or spray mist.

**Skin and body:**

Wear cotton overalls buttoned to the neck and wrist and a washable hat.

**Hands:**

Wear elbow-length PVC gloves.

**Eyes:**

Wear a face shield of goggles.

**General hygiene:**

Wash hands, arms, and face thoroughly with soap and water before eating, drinking, or smoking.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State, odour & colour:**

Clear straw coloured liquid with moderate polyether odour

**Vapour Pressure:**

<1 mm Hg @ 20°C

**Solubility:**

Dispersible

**Freezing point**

-8°C (pour point)

**Specific gravity or density:**

1.02 @ 25°C

**Flashpoint:** N.A.  
**Explosion properties:** Not explosive.  
**Oxidation properties:** Not an oxidizer.

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## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal storage and use conditions  
**Conditions to avoid:** None known.  
**Materials to avoid:** None known.  
**Hazardous decomposition Products:** If involved in a fire, may emit oxides of carbon, oxides of silicon, formaldehyde  
**Hazardous polymerization:** Not possible.  
**Specific Data:**  
**Hazardous reactions :** None known.

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## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity – Oral :** LD50 (rat) >2000 mg/kg  
**Acute toxicity - Dermal :** LD50 (rabbit) >4000 mg/kg  
**Acute toxicity – Inhalation:** LC50 (rat) 2 mg/l  
**Skin irritation :** Mild irritant  
**Eye irritation:** Severe eye irritant.  
**Sensitization :** Not a sensitizer.

**Chronic toxicity:**

The following information is based on analogy with a similar material. This material was not mutagenic in an Ames bacterial assay or in three mammalian test systems including the Chinese Hamster ovary (CHO)/HGPRT gene mutation assay, a micronucleus cytogenetic assay in mice and an in vitro mammalian cytogenetic test. In a repeat skin application study with rats, this material caused moderate irritation which resolved during post-application recovery period. There was no evidence for percutaneous cumulative or specific organic toxicity, and no effect on male or female reproductive systems. Findings from a 14 – day dietary feeding study with rats show that a high dosage repeated ingestion of this material causes reversible adverse effects on the male and female reproductive tracts. Additional effects seen include increased liver weight, altered blood cytology / chemistry and thyroid enlargement (primarily hypertrophy, with some hyperplasia). Evidence of partial or complete recovery was found over a 28 – day recovery period., Findings from a repeat 9 – day aerosol inhalation toxicity study with rats show a no-observable-effect-level (NOEL) of less than 0.025 mg/l. Symptoms of toxicity included rales, gasping, ocular opacity, prostration, hypothermia, reduced body weight gain and food consumption, changes in clinical pathology, decreased thymus weight, and microscopic lesions in the nasal cavity. There was no effect on the male or female reproductive systems. It is not anticipated that the use of aqueous dilutions of this product result in this type of aerosol exposure.

**Carcinogenicity:**

Data indicates no carcinogenic effects

**Mutagenicity:**

Data indicates no mutagenic effects

**Reproduction toxicity:**

Data indicates no reproductive effects

**Other information :**

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**12. ECOLOGICAL INFORMATION****Ecotoxicity****Fish**

LC50 (96hr) for rainbow trout 4.5 mg/l

NOEC (96hr) for rainbow trout 3.2 mg/l

**Daphnia magna**

LC50 (48hr) for Daphnia magna 24 mg/l

NOEC (48hr) for Daphnia magna 5.6mg/l

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**13. DISPOSAL CONSIDERATIONS****Methods of disposal :**

On site disposal of the concentrated product is not acceptable. Ideally, the product should be used for its intended purpose, according to label instructions.

#### Container Disposal:

Triple rinse containers, add rinsate to the spray tank, then offer the container for recycling, or puncture top, sides and bottom and dispose of in landfill in accordance with local regulations.

Agrecovery is the national program for the collection and recycling of empty containers triple rinse the container and present clean drum at an Agrecovery collection site alternatively, triple rinse empty container with water, add rinsate to the spray tank. Puncture top, sides and bottom, crush and bury in an approved landfill.

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### 14. TRANSPORT INFORMATION - International transport regulations

**UN number:** 3082  
**Class or Division:** Class 9  
**Sub Class:** N.A.  
**Packing Group:** III  
**Marine Pollutant:** No  
**Proper shipping name :** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Polyalkyleneoxide Modified Heptamethyltrisiloxane, >80%

**Other Information:**

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### 15. REGULATORY INFORMATION

**ACVM Registered Number:** Exempt from Registration under the ACVM Act 1997  
**HSNO Approval Code:** HSR002503

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### 16. OTHER INFORMATION

**Additional information:** **Original Issue Date:** 26 April 2010  
**Revision Date:** 4 December 2017

#### ***Disclaimer***

This Safety Data Sheet is based on the most recent information available. To the extent permitted by law, users of this information accept that neither the manufacturer, PGG Wrightsons 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.

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