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**SAFETY DATA SHEET**

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**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

<b>Product Name:</b>	<b>Prosil 1000</b>
<b>Product Codes:</b>	<b>PSIL</b>
<b>Product Use:</b>	Non-ionic surfactant to aid in penetration, wetting and spreading of agricultural actives as per the directions on the label.
<b>Supplier:</b>	GREVILLIA AG PTY LTD
<b>ABN:</b>	36 083 323 817
<b>Address:</b>	10 Bult Drive Brendale Queensland 4500 Australia.
<b>Telephone Number:</b>	(07) 3205 1788
<b>Facsimile:</b>	(07) 3205 4327
<b>Emergency Telephone Numbers:</b>	<b>Emergency Tel 24hr 0428 727 300</b> Poisons Information Centre Australia: 13 1126

**2. HAZARD IDENTIFICATION**

<b>Hazard Classification</b>	Classified as Class 9 Miscellaneous Dangerous Goods (UN 3077 or UN 3082, Environmentally Hazardous Substance) by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS. Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to the provisions of the Australian Code for the Transport of Dangerous Goods by Road and Rail when transported by road or rail in packaging's, IBC's, or any other receptacle not exceeding 500 kg(L). This material is hazardous according to Safe Work Australia; HAZARDOUS CHEMICAL.
<b>GHS classification of the substance/mixture</b>	Eye Irritation - Category 2A Acute Aquatic Toxicity - Category 2 Chronic Aquatic Toxicity - Category 2
<b>Signal Word (s)</b>	<b>WARNING</b>
<b>Hazard Statement (s)</b>	H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects.
	 
<b>Precautionary statement – Prevention</b>	P264 Wash hands thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves / protective clothing / eye protection / face protection.

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**Precautionary statement – Response**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P391 Collect spillage.

**Storage Disposal**

No storage statements.

P501 Dispose of contents and container in accordance with local, regional, national, international regulations.

**Poisons Schedule:**

None allocated.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion
Polyalkyleneoxide modified heptamethyltrisiloxane	67674-67-3	98-100%

## 4. FIRST AID MEASURES

**Description of Necessary First Aid Measures**

**Swallowed:**

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

**Eye:**

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes.

**Skin:**

If skin contact occurs, remove contaminated clothing and wash skin with soap and water. If irritation occurs, seek medical advice.

**Inhalation:**

Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.

**First Aid:**

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

**Advice to Doctor:**

Treat symptomatically. No known specific antidote.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:**

Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal protein foam can be used.

**Hazchem or Emergency Action Code:**

3Z

**Specific hazards arising from the chemical:**

Combustible liquid. Environmentally hazardous.

**Special protective equipment and precautions for fire-fighters:**

On burning will emit toxic fumes, including those of oxides of carbon. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion. Keep containers cool with water spray.

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## 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures/  
Environmental precautions:**

Clear area of all unprotected personnel. Shut off all possible sources of ignition. Do not allow container or product to get into drains, sewers, streams or ponds. If contamination of sewers or waterways has occurred advise local emergency services.

**Personal precautions/  
Protective equipment/  
Methods and materials for  
containment and cleaning up:**

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

## 7. HANDLING AND STORAGE

Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

**Precautions for Safe Handling:**

Avoid skin and eye contact and breathing in vapour, mists and aerosols. Wash hands thoroughly after handling.

**Conditions for Safe Storage,  
Including Any Incompatibilities:**

Store in a cool, dry, well ventilated place. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control Parameters:**

No value assigned for this specific material by Safe Work Australia.

**Appropriate engineering  
controls:**

Use in well ventilated areas. Keep containers closed when not in use.

**Individual protection measures,  
such as Personal Protective  
Equipment (PPE):**

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.



Wear overalls, chemical goggles and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

If determined by a risk assessment an inhalation risk exists, wear an organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Colour:</b>	Colourless or Light Amber
<b>Odour:</b>	Polyether
<b>Solubility:</b>	Dispersible in water.
<b>Specific Gravity:</b>	1.0100 @25°C
<b>Relative Vapour Density (air=1):</b>	>1
<b>Vapour Pressure (20 °C):</b>	<1.33 hPa
<b>Flash Point (°C):</b>	146.1 (PMCC)
<b>Flammability Limits (%):</b>	Not available
<b>Autoignition Temperature (°C):</b>	Not available
<b>Boiling Point/Range (°C):</b>	>150
<b>pH:</b>	Not available
<b>Evaporation Rate:</b>	<1 (Butyl acetate = 1)
<b>Freezing Point/Range (°C):</b>	-8 (Pour point)

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No information available.
<b>Chemical Stability:</b>	Stable.
<b>Possibility of hazardous reactions:</b>	None known. Hazardous polymerisation will not occur.
<b>Conditions to avoid:</b>	Avoid exposure to heat, sources of ignition, and open flame.
<b>Incompatible materials:</b>	Incompatible with strong oxidising agents.
<b>Hazardous decomposition products:</b>	Oxides of carbon. Silicon dioxide.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

<b>Ingestion:</b>	No adverse effects expected, however, large amounts may cause nausea and vomiting.
<b>Eye:</b>	An eye irritant.
<b>Skin:</b>	Contact with skin may result in irritation.
<b>Inhalation:</b>	Breathing in vapour may produce respiratory irritation.
<b>Acute toxicity:</b>	Oral LD50 (rat): >2000 mg/kg
<b>Skin corrosion/irritation:</b>	Mild irritant (rabbit).
<b>Serious eye damage/irritation:</b>	Severe irritant (rabbit).
<b>Respiratory or skin sensitisation:</b>	Not a skin sensitiser.
<b>Chronic Effects:</b>	No information available for the product.

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## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Avoid contaminating waterways.
<b>Aquatic toxicity:</b>	Toxic to aquatic organisms. May cause long lasting harmful effects to aquatic life.
96hr LC50 (rainbow trout):	4.5 mg/L

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal methods:</b>	Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for incineration by an approved agent.
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## 14. TRANSPORTATION INFORMATION

<b>Storage and Transport:</b>	<b>Road and Rail Transport</b> Classified as Class 9 Miscellaneous Dangerous Goods (UN 3077 or UN 3082, Environmentally Hazardous Substance) by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS. Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to the provisions of the Australian Code for the Transport of Dangerous Goods by Road and Rail when transported by road or rail in packaging's, IBC's, or any other receptacle not exceeding 500 kg(L).
<b>UN Number:</b>	3082
<b>Proper Shipping Name or Technical Name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (POLYALKYLENEOXIDE MODIFIED HEPTAMETHYLTRISILOXANE)
<b>Transport Hazard Class:</b>	9 Miscellaneous Dangerous Goods
<b>Packing Group:</b>	III
<b>Hazchem Code:</b>	3Z
<b>Storage and Transport:</b>	<b>Marine Transport</b> Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.
<b>UN Number:</b>	3082
<b>Proper Shipping Name or Technical Name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (POLYALKYLENEOXIDE MODIFIED HEPTAMETHYLTRISILOXANE)
<b>Transport Hazard Class:</b>	9 Miscellaneous Dangerous Goods
<b>Packing Group:</b>	III
<b>IMDG EMS Fire:</b>	F-A
<b>IMDG EMS Spill:</b>	S-F

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<b>Storage and Transport:</b>	<b><u>Air Transport</u></b> Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; DANGEROUS GOODS.
<b>UN Number:</b>	3082
<b>Proper Shipping Name or Technical Name:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (POLYALKYLENEOXIDE MODIFIED HEPTAMETHYLTRISILOXANE)
<b>Transport Hazard Class:</b>	9 Miscellaneous Dangerous Goods
<b>Packing Group:</b>	III

## 15. REGULATORY INFORMATION

<b>Packaging Labelling:</b>	
<b>AICS Status:</b>	This material is listed on the Australian Inventory of Chemical Substances (AICS).
<b>Poisons Schedule:</b>	None allocated.

## 16. OTHER INFORMATION

The information in this safety data sheet refers to the concentrated material. When diluted as described on the label the acute health effects of exposure may be less severe.

This material safety data sheet supersedes all previous issues.

It is the responsibility of the Purchasers of this product to ensure that all safety information and environmental information is provided to any people who may use this product.

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Grevillia Ag cannot control the conditions in which it is used so therefore each user must, prior to usage, assess and control the risks arising from their use of the material

If clarification or further information is needed, the user should contact their Grevillia Ag representative or Grevillia Ag Pty Ltd at the contact details on page 1.

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