

Infosafe No™ 3NU80	Issue Date : December 2018	ISSUED by NUFARMNZ
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 Product Name **SuperSil™**

## 1. Identification

<b>GHS Product Identifier</b>	SuperSil™
<b>Product Code</b>	04606
<b>Product Type</b>	Adjuvant
<b>Company Name</b>	Nufarm NZ
<b>Address</b>	6 Manu Street, Otahuhu Auckland 2024 New Zealand
<b>Telephone/Fax Number</b>	Tel: 0-9-270 4150
<b>Emergency phone number</b>	0800 651 911
<b>Email</b>	info@nz.nufarm.com
<b>Recommended use of the chemical and restrictions on use</b>	An organosilicone penetrant which provides enhanced coverage and uptake of Roundup®, WeedMaster®, and other herbicides.
<b>Other Information</b>	This Safety Data Sheet describes the properties of the concentrated product. The physical properties and the assessments may not apply to the properties of the product once it has been diluted for application.

## 2. Hazard Identification

<b>Other Information</b>	6.1D acute toxicant, 6.4A eye irritant, 6.9B target organ toxicant, 9.1B aquatic toxicant, TOXICITY Harmful - may be harmful if swallowed, inhaled or absorbed through the skin. May cause eye irritation. May cause organ damage from repeated oral exposure at high doses. ECOTOXIC Toxic to aquatic organisms with long-lasting effects.
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## 3. Composition/information on ingredients

<b>Chemical Characterization</b>	Liquid		
<b>Ingredients</b>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Organomodified polydimethylsiloxane	Proprietary	>80%

## 4. First-aid measures

<b>First Aid Measures</b>	For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. Begin artificial respiration if the victim is not breathing. Use mouth-to-nose rather than mouth-to-mouth. Obtain medical attention.
<b>Inhalation</b>	Remove patient to fresh air. Lay down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre (0800 764 766). Seek medical assistance immediately.
<b>Skin</b>	Immediately flush body and clothes with large amounts of water. Remove contaminated clothing and footwear. Wash affected areas with soap and water. If a large area is affected seek medical assistance.
<b>Eye contact</b>	Flush eyes with plenty of water for 15 minutes holding eyelids open if necessary. Seek medical assistance. Remove contact lenses, if present and easy to do.
<b>First Aid Facilities</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.
<b>Advice to Doctor</b>	Treat symptomatically.

## 5. Fire-fighting measures

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<b>Suitable extinguishing media</b>	Water fog, foam, carbon dioxide or dry chemical.
<b>Unsuitable Extinguishing Media</b>	Do not use water in a jet.
<b>Hazards from Combustion Products</b>	If involved in a major fire, could evolve oxides of carbon and silicon.
<b>Specific Methods</b>	Keep up wind. Do not allow washings to reach sewage or effluent systems.
<b>Hazchem Code</b>	2X
<b>Other Information</b>	Location Certificate: Not applicable Hazardous Atmosphere Zone: Not applicable Number of Fire Extinguishers: Not applicable

## 6. Accidental release measures

<b>Spills &amp; Disposal</b>	Wear protective clothing. Clear area of unprotected personnel. Contain spill and absorb with sand, soil or absorbent granules. If spill does enter waterways contact the local authority. Collect in an appropriate sealable container for disposal in an approved landfill. Wash walking surfaces with detergent and water to reduce slipping hazard.
<b>Personal Protection</b>	For appropriate personal protective equipment (PPE), refer Section 8.
<b>Environmental Precautions</b>	Prevent product or washings from entering drains, waterways or sewers. Do not discharge this product into the subsoil or soil.

## 7. Handling and storage

<b>Precautions for Safe Handling</b>	Avoid skin and eye contact and inhalation of spray mist.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep out of reach of children. Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs. Storage must be in accordance with NZS 8409 Management of Agrichemicals. Stores containing 1,000L of SUPERSIL require secondary containment and are subject to signage, and more than 1,000L require emergency response plans.
<b>Other Information</b>	Always read the label and any attached leaflet before use. Aggregate Storage Volume Thresholds: When stored with substances of the same hazard classification the aggregate quantity must be considered. For full details refer to the current NZS8409 Management of Agrichemicals and the HSNO Regulations.

## 8. Exposure controls/personal protection

<b>Occupational exposure limit values</b>	No exposure standard has been established for this product.
<b>Appropriate engineering controls</b>	Handle in well ventilated areas, generally natural ventilation is adequate. Local exhaust ventilation may be required in confined spaces.
<b>Personal Protective Equipment</b>	When mixed with other products, follow the safety precautions for that product. Avoid skin and eye contact and inhalation of spray mist. When opening the container, preparing spray and using the prepared spray wear elbow length PVC gloves, faceshield or safety goggles, washable hat, cotton overalls buttoned to the neck and wrist, and boots.
<b>Hygiene Measures</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>Form</b>	Liquid
<b>Appearance</b>	Clear straw coloured liquid
<b>Odour</b>	Moderate polyether odour
<b>Boiling Point</b>	>150°C
<b>Solubility in Water</b>	Disperses in water.
<b>Specific Gravity</b>	1.002 @ 25°C

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<b>Vapour Pressure</b>	<1 mm Hg @ 20°C
<b>Vapour Density (Air=1)</b>	Heavier than air
<b>Flash Point</b>	143°C pmcc

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal conditions of handling and storage.
<b>Conditions to Avoid</b>	May generate formaldehyde at temperatures >150°C.
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition Products</b>	In the case of fire, this product may emit oxides of carbon and silicone; and formaldehyde.
<b>Possibility of hazardous reactions</b>	No hazardous reactions known.
<b>Hazardous Polymerization</b>	Hazardous polymerisation will not occur.

## 11. Toxicological Information

<b>Acute Toxicity - Oral</b>	LD50 (rat) >2,000 mg/kg for the formulated product
<b>Acute Toxicity - Dermal</b>	LD50 (rat) >2,000 mg/kg for the formulated product
<b>Acute Toxicity - Inhalation</b>	Aerosol LC50 (rat) = 2mg/L for a similar product Aerosol LC50 (rat) = >11.78mg/L for a similar product as a 5% diluted aqueous solution
<b>Ingestion</b>	Repeated ingestion may cause damage to the liver, kidneys, thyroid, male and female reproductive system and blood forming system.
<b>Inhalation</b>	Inhalation of this product as an aerosol concentrate within a confined space could result in respiratory distress and eye injury. Effects of repeated overexposure from the aerosol may cause damage to respiratory tract, eyes, nasal cavity and bloodforming system.
<b>Skin</b>	Brief contact with this product is not expected to produce irritation. Prolonged contact may result in minor irritation, transient local redness and swelling.
<b>Skin Sensitisation</b>	Negative to guinea pigs.
<b>Health Hazard</b>	Medical conditions aggravated by over exposure - existing dermatitis.
<b>Serious eye damage/irritation</b>	Irritant Moderate redness of conjunctivae, iridal inflammation and tear production. Injury to the cornea is not expected.
<b>Mutagenicity</b>	Not mutagenic.

## 12. Ecological information

<b>Other Precautions</b>	Do not contaminate dams, waterways or sewers with this product or the containers which have held this product.
<b>Basis for Assessment</b>	EPA New Zealand have determined this product to be HSNO classification 9.1B - Toxic to aquatic organisms with long-lasting effects.
<b>Acute Toxicity - Algae</b>	EC50 Scenedesmus subspicatus is 28.2mg/L for a similar product

## 13. Disposal considerations

<b>Product Disposal</b>	Dispose of product only by using according to the label, or at an approved landfill.
<b>Container Disposal</b>	Triple rinse empty container and add rinsate to spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill.

## 14. Transport information

<b>Transport Information</b>	It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.
<b>U.N. Number</b>	3082



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Product Name **SuperSil™**

**UN proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. - [organomodified polydimethylsiloxane, >80%]  
**Transport hazard class(es)** 9  
**Hazchem Code** 2X  
**Packaging Method** -  
**Packing Group** III  
**EPG Number** -  
**IERG Number** 47  
**IMO Marine Pollutant** Yes. Environmentally Hazardous Substance mark required.  
**Other Information** Do not carry this product on a passenger service vehicle.  
Segregation: Check the latest Land Transport Rule Dangerous Goods Rule 45001 for additional information. Sea transport may require additional segregation. Refer NZS5433 sea segregation for details.

## 15. Regulatory information

**National and or International Regulatory Information** Approved pursuant to the HSNO Act 1996, Approval Code HSR002503  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls.  
This product does not require registration under the ACVM Act.  
**Packaging & Labelling** HARMFUL \* ECOTOXIC - keep out of reach of children  
**Hazard Rating** NFPA/HMIS: 2-1-0  
**Hazard Category** HARMFUL \* ECOTOXIC - Keep out of reach of children

## 16. Other Information

**Date of preparation or last revision of SDS** November 2013  
**Contact Person/Point** Normal Hours: Mrs Kathleen Marsh Phone: +61 3 9282 1000  
After Hours: Shift Supervisor Phone: 1800 033 498  
**Revisions Highlighted** 5 yearly review carried out. Various changes and updates made to document.  
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