

Infosafe No™ 3NU80	Issue Date : December 2023	ISSUED by NUFARMNZ
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 Product Name **SuperSil™**

1. Identification

GHS Product Identifier	SuperSil™
Product Code	04606
Product Type	Adjuvant
Company Name	Nufarm NZ
Address	Central Park, Building 3, Level 4, 666 Great South Road Ellerslie Auckland 1051 New Zealand
Telephone/Fax Number	Tel: 0-9-270 4150
Emergency phone number	0800 651 911
E-mail Address	nzinfo@nufarm.com
Recommended use of the chemical and restrictions on use	An organosilicone penetrant which provides enhanced coverage and uptake of Roundup®, WeedMaster®, and other herbicides.
Other Information	This Safety Data Sheet describes the properties of the intermediate 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

GHS classification of the substance/mixture	DANGEROUS GOODS.
Other Information	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.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Organommodified polydimethylsiloxane	Proprietary	>80%

4. First-aid measures

First Aid Measures	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.
Inhalation	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.
Ingestion	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.
Skin	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.
Eye contact	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.
First Aid Facilities	Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.

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 Product Name **SuperSil™**
Advice to Doctor Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media Water fog, foam, carbon dioxide or dry chemical.

Unsuitable Extinguishing Media Do not use water in a jet.

Hazards from Combustion Products If involved in a major fire, could evolve oxides of carbon and silicon.

Specific Methods Keep up wind. Do not allow washings to reach sewage or effluent systems.

Hazchem Code 2X

Other Information Location Certificate: Not applicable
 Hazardous Atmosphere Zone: Not applicable
 Number of Fire Extinguishers: Not applicable

6. Accidental release measures

Spills & Disposal 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.

Personal Protection For appropriate personal protective equipment (PPE), refer Section 8.

Environmental Precautions Prevent product or washings from entering drains, waterways or sewers.
 Do not discharge this product into the subsoil or soil.

7. Handling and storage

Precautions for Safe Handling Avoid skin and eye contact and inhalation of spray mist.

Conditions for safe storage, including any incompatibilities 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.

Other Information 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

Occupational exposure limit values No exposure standard has been established for this product.

Appropriate engineering controls Handle in well ventilated areas, generally natural ventilation is adequate.
 Local exhaust ventilation may be required in confined spaces.

Personal Protective Equipment 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.

Hygiene Measures 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

Form Liquid

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Appearance	Clear straw coloured liquid
Odour	Moderate polyether odour
Boiling Point	>150°C
Solubility in Water	Disperses in water.
Specific Gravity	1.002 @ 25°C
Vapour Pressure	<1 mm Hg @ 20°C
Vapour Density (Air=1)	Heavier than air
Flash Point	143°C pmcc

10. Stability and reactivity

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

11. Toxicological Information

Acute Toxicity - Oral	LD50 (rat) >2,000 mg/kg for the formulated product
Acute Toxicity - Dermal	LD50 (rat) >2,000 mg/kg for the formulated product
Acute Toxicity - Inhalation	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
Ingestion	Repeated ingestion may cause damage to the liver, kidneys, thyroid, male and female reproductive system and blood forming system.
Inhalation	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.
Skin	Brief contact with this product is not expected to produce irritation. Prolonged contact may result in minor irritation, transient local redness and swelling.
Skin Sensitisation	Negative to guinea pigs.
Health Hazard	Medical conditions aggravated by over exposure - existing dermatitis.
Serious eye damage/irritation	Irritant Moderate redness of conjunctivae, iridal inflammation and tear production. Injury to the cornea is not expected.
Mutagenicity	Not mutagenic.

12. Ecological information

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

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13. Disposal considerations

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

14. Transport information

Transport Information	It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.
U.N. Number	3082
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 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 Systems	NFPA/HMIS: 2-1-0

16. Other Information

Date of preparation or last revision of SDS	December 2018
Contact Person/Point	Normal Hours: SDS Coordinator Phone: +61 3 9282 1000 After Hours: Shift Supervisor Phone: 1800 033 498
Revisions Highlighted	5 yearly review carried out. ...End Of MSDS...

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