

Garden Enterprises & Information Ltd
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SAFETY DATA SHEET

Wally's Silicon Super Spreader

Date of Issue: 16/07/15

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Wally's Silicon Super Spreader
UN Proper Shipping Name:	N/A
Recommended Use:	Fertiliser adjuvant
Company Name:	Garden Enterprises & Information Ltd
Address:	147 Benmore Ave, Palmerston North
Telephone:	+64 (0800) 466464
Emergency Telephone Numbers:	Police, Ambulance, Fire: 111 Poisons Information Service (New Zealand) 0800 764 766

2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity inhalation - category 4
Reproductive toxicity – category 2
Hazardous to the aquatic environment (chronic) – category 4

GHS Label elements



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Signal Word:	WARNING
Hazard Statement(s):	
H332	Harmful if inhaled
H360	May damage fertility or the unborn child.
H413	May cause long lasting harmful effects to aquatic life.
Precautionary Statement(s):	
Prevention	
P261	Avoid breathing spray mist.
P271	Use only outdoors in a well ventilated area.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P281	Use personal protective equipment as required.
P264	Wash hands thoroughly after handling.
Response:	
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.
P312	Call a POISON CENTRE or doctor if you feel unwell.
P308 + P313	If exposed or concerned: Get medical advice.
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.
Storage:	
P405	Store locked up
Disposal:	
P501	Dispose of contents and container in accordance with local and national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion
Modified tetramethyltetraethylcyclotetrasiloxane	N/A	>60%
Other ingredients determined to be non-hazardous	N/A	To 100%

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4. FIRST AID MEASURES

Ingestion:	Immediately rinse mouth with water (only if patient is conscious) and consult a physician or call the poisons information centre.
Eye:	Immediately rinse with plenty of water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water and contact a physician.
Skin:	Remove contaminated clothing and wash skin with soap and water. If symptoms such as redness or irritation occur, consult a physician. Launder clothes before re-use.
Inhalation:	Remove to fresh air. Seek medical advice immediately.
First Aid Facilities:	Eye wash station and normal washing facilities.
Advice to Doctor:	Treat symptomatically.
General Information:	N/A

5. FIRE FIGHTING MEASURES

Flammability:	Non-flammable and non-combustible. If involved in major fire, could evolve oxides of carbon and silicon. Fire fighters recommended to wear SCBA.
Extinguishing media:	Use extinguishing media suitable for surrounding fire situations.
Hazchem Code:	N/A
Precautions in connection with fire:	Wear SCBA and contain run-off to prevent entry in water or drainage systems.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:	Spilled product presents a slip hazard. Contain spill, do not discharge waste liquid into streams or waterways. Use personal protective equipment as outlined in section 8. Ensure sufficient ventilation prior to clean up.
Methods and materials for contamination and clean-up:	Wear protective clothing when cleaning up major spills. Cover drains and do not contaminate streams or water ways. Wipe up with inert materials and place in labelled containers for waste disposal. Dispose of in compliance with local, state and federal regulations.

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7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid contact with eyes, do not inhale spray mist. It is recommended to wear personal protective equipment as outlined in section 8. Prohibit eating, drinking and smoking in contaminated areas. Wash hands after use.
Storage:	Keep out of reach of children. Store in a cool, dry, well ventilated area in a sealed container. Do not store in prolonged sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards:	None established.
Biological Limit Values:	None established.
Engineering Controls:	Use only in a well ventilated area.
Personal Protective Equipment:	The following protective equipment is recommended when handling this product: safety glasses with side shields or a face shield complying with AS/NZS 1337, gloves of an impervious material conforming to AS/NZS 2161, rubber boots, overalls, plastic apron. Suitable respiratory equipment (e.g. disposable fume mask conforming to AS/NZS 1716) is required when spray mist is present. Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking and going to the toilet.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colourless liquid
Odour:	Odourless
pH:	7.0-8.0
Flammability:	Not combustible
Solubility in Water:	Fully miscible
Lower Explosion Limit:	No data available
Upper Explosion Limit:	No data available
Specific Gravity:	1.0
Conductivity:	No data available
Melting Point:	No data available
Boiling Point:	No data available
Flash Point:	>200°C
Vapour Pressure:	No data available
Evaporation Rate:	No data available

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of use.
Hazardous Reactions & Materials to Avoid:	Avoid extreme heat, flames and ignition sources. Hazardous polymerization will not occur.
Hazardous Decomposition Products:	No hazardous reactions known.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	LD ₅₀ = 5000 mg/kg (rat).
Skin:	Not classified as a skin irritant.
Eye:	Not classified as an eye irritant.
Respiratory or skin sensitisation:	No data available.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available. However exposure may cause reproductive

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	disorders, based on laboratory tests with animals exposed to similar compounds (e.g octamethyltetrasiloxane shown to cause reproductive disorders in rats when exposed via inhalation).
Specific Target Organ Toxicity (STOT) single exposure:	No data available.
Specific Target Organ Toxicity (STOT) – repeated exposure:	No data available.
Aspiration Hazard:	No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No data available. However similar compounds (e.g. octamethyltetrasiloxane) cause long term adverse effects in the aquatic environment.
Persistence/Degradability:	No data available
Mobility:	No data available
Environmental Protection:	No data available

13. DISPOSAL CONSIDERATIONS

Disposal Method:	Where possible, product should be used for its intended purpose including the rinsings of the container. Dispose of waste product in accordance with all local state and national regulations. Do not discard into drains or waterways.
Container:	Triple or preferably pressure rinse containers before disposal. Dispose of used container in accordance with all local and national regulations. Recycle containers if possible (replace cap and return cleaned container to recyclers or collection point). Empty containers and product should not be burned.

14 TRANSPORT INFORMATION

DG Class:	This product is not labelled as a dangerous good and therefore does not have any special transport conditions.
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15. REGULATORY INFORMATION

SUSMP Poisons Schedule:	Not scheduled.
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Disclaimer

The data and recommendations presented herein are based upon research of others and are believed to be accurate. However, no warranty is expressed or implied regarding this data or the results to be obtained from use thereof. Garden Enterprises & Information Ltd, assumes no responsibility for the injury to customers or third party proximity caused by the material if reasonable safety procedures are not adhered to as stipulated in this data sheet.

END OF SDS