

SAFETY DATA SHEET

Wally's Silicon plus Boron Soil Drench

Date of Issue: 06/08/2015

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Wally's Silicon plus Boron Soil Drench
UN Proper Shipping Name:	N/A
Recommended Use:	Fertiliser
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

Hazard Classification:	Non-Hazardous
	Not classified as Hazardous according to the criteria of GHS.
	Not classified as a Dangerous Good.
	Not classified as a schedule poison according to NDPSC.

Precautionary Statement(s):

Prevention:

P260	Do not breathe mist/vapour/spray.
P280	Wear eye protection and protective clothing.

Response:

P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion
Diatomaceous earth naturally containing <0.1% crystalline silica (quartz) (CAS 14808-60-7)	61790-53-2	20-30%
Disodium octaborate tetrahydrate	7720-78-7	<4%
Other non-hazardous fertiliser ingredients	N/A	To 100%

4. FIRST AID MEASURES

Ingestion:	Rinse mouth with water and consult a physician if patient feels unwell.
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, if irritation persists contact a physician.
Skin:	Remove contaminated clothing and wash with soap and water. If symptoms such as redness or irritation occur, consult a physician.
Inhalation:	Remove to fresh air. Get medical attention if irritation occurs or breathing difficulty develops.
First Aid Facilities:	Normal washing facilities.
Advice to Doctor:	Treat symptomatically.
General Information:	N/A

5. FIRE FIGHTING MEASURES

Flammability:	Non-flammable and non-combustible. May decompose on heating to emit toxic vapours. 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:	This product is non-hazardous and is not a dangerous good.
Methods and materials for contamination and clean-up:	Wear protective clothing when cleaning up spills. Do not contaminate streams or waterways. Wipe up with inert materials and place in labelled containers for waste disposal. Dispose of in compliance with local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid contact with skin and 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. Do not allow product to dry out. The micronised ingredients present additional respiratory hazards when dry (dust hazard).
Storage:	Keep out of reach of children. Store in a cool, dry 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:	Ensure sufficient ventilation to minimise exposure.
Personal Protective Equipment:	The following protective equipment is recommended when handling this product: safety glasses, impervious gloves. If spray mist is present: respirator meeting the requirements of AS1715 and AS1716. 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Thick, light-brown/grey liquid
Odour:	Citrus odour
pH:	5.0-6.0
Flammability:	Not combustible
Solubility in Water:	Forms a solution/suspension in water
Lower Explosion Limit:	No data available
Upper Explosion Limit:	No data available
Specific Gravity:	1.2
Conductivity:	2.5-4 mS/cm
Melting Point:	No data available
Boiling Point:	No data available
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. May react violently with hydrofluoric acid. Hazardous polymerization will not occur.
Hazardous Decomposition Products:	None known.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity (oral, ingredients only):	Low oral toxicity. Sodium octaborate tetrahydrate – LD ₅₀ (rat) 2500mg/kg
Skin:	No data available.
Eye:	No data available.
Respiratory or skin sensitisation:	No data available.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
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.
Chronic:	The diatomaceous earth in this product is composed predominantly of amorphous silica (non-hazardous) but can contain a small fraction (<0.1%) crystalline silica. Crystalline silica, when inhaled as a respirable dust has been classified as carcinogenic to humans upon chronic exposure. This is an unlikely exposure route for this product (as it is a liquid and therefore will not generate dust unless allowed to dry out). However inhalation of spray mist should be avoided.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No data available
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 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 Code:	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

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