

Safety Data Sheet according to WHS Regulations

1 Identification

Product Name: Home Grown Tonic

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use: Plant based liquid fertiliser (soil nutrient)

Details of Manufacturer:

Sabrina Hahn – Hort with Heart

2/5 Strang Court

Beaconsfield WA 6162

Phone Number: 040 777 5641

Emergency telephone number: National Poison Information Centre: 13 11 26

2 Hazard(s) Identification

Hazardous Nature:

Statement of Hazardous Nature NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF SWA NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE SUSMP Classification: Not scheduled ADG Classification: None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria. UN Number: None allocated

GHS Signal word: NONE. Not hazardous.

PREVENTION P102: Keep out of reach of children.

P262: Do not get in eyes, on skin, or on clothing.

P281: Use personal protective equipment as required.

RESPONSE P353: Rinse skin or shower with water.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P370+P378: Not combustible. Use extinguishing media suited to burning materials.

STORAGE P402+P404: Store in a dry place. Store in a closed container.

DISPOSAL P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Emergency Overview Physical Description & colour: Clear milky liquid

Odour: Slight Seaweed odour.

Major Health Hazards: Large quantities may cause gastrointestinal irritation, severe irritant to eyes

3 Composition and Information on Ingredients

Ingredients	CAS No	Conc. %
Methylated Spirits	64-17-5 & 102922-94-1	100
Vitamin B1	59-43-8	
Auxinone Indole Acetic Acid (IAA)	87-51-4	
Naphthalene Acetic Acid	86-87-3	
Water	7732-18-5	
Kelp (ecklonia maxima) n/a Kelp (durvillea potatorum) n/a	n/a	
Amino acids from fish hydrolysate n/a	n/a	

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4 First Aid Measures

General Information: You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this MSDS with you when you call.

Inhalation:

No first aid measures normally required. However, if inhaled, and irritation has developed, remove to fresh air and observe until recovered. Skin Contact: If product gets on skin, wash contacted areas. No further measures should normally be required.

Eye Contact: Irrigate with copious amounts of lukewarm, gently flowing water until the product is removed or irritation has ceased, while holding the eyelid(s) open.

Ingestion: Rinse out mouth with plenty of water. Give a glass of water if affected person able to drink.

Notes to Doctor: Treat symptomatically. Note the nature of this product.

5 Fire Fighting Measures

Fire and Explosion Hazards: There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Fire Decomposition Products: No known hazardous decomposition products. Extinguishing Media: Not Combustible. Use extinguishing media suited to burning materials. Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade. Flash point: Does not burn. Upper Flammability Limit: Does not burn. Lower Flammability Limit: Does not burn. Flammability Class: Not flammable.

6 Accidental Release Measures

Accidental release: Minor spills do not normally need any special cleanup measures. In the event of a major spill, prevent spillage from entering drains or watercourses. Wear goggles and gloves. Stop leak if safe to do so and contain spill. After spills, wash area, preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this MSDS and the label, instructions on the label prevail. Dispose of only in accord with all regulations. This material may be suitable for approved landfill.

7 Handling and Storage

Handling: Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10. Storage: Store packages of this product in a cool place. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Make sure that the product does not come into contact with substances listed under "Materials to avoid" in Section 10. Check packaging – there may be further storage instructions on the label.

8 Exposure Controls and Personal Protection

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Ensure adequate ventilation of the working area.

Respiratory Protection: Respiratory protection is not required under normal use conditions.

Skin Protection:

PVC or rubber gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

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9 Physical and Chemical Properties

Appearance:

Form: Liquid

Colour: Clear milky liquid

Odour: Odourless

Boiling Point: 100o C

Vapour Pressure: <1mm Hg (20deg C)

Vapour Density: no data

Specific gravity: no data

Water Solubility: soluble

pH: 4.3

Evaporation rate: <1

Volatility: no data

10 Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. Conditions to Avoid: Store in closed original container in a dry, cool, well-ventilated area out of direct sunlight.

Incompatibilities: No particular incompatibilities. **Polymerisation:** This product is unlikely to undergo polymerisation processes.

11 Toxicological Information

Target Organs: There is no data to hand indicating any particular target organs. **Potential Health**

Effects Inhalation: Vapours and mists may be irritating to mucous membranes and respiratory system

Skin Contact: Not irritating to the skin **Eye Contact:** Slightly irritating to eyes. **Ingestion:** Large quantities may cause gastrointestinal irritation **Toxicity to Animals:** No data **Carcinogen Status:** ASCC:

No significant ingredient is classified as carcinogenic by ASCC **NTP:** No significant ingredient is classified as carcinogenic by NTP. **IARC:** No significant ingredient is classified as carcinogenic by IARC. **Additional toxicological information:** No information available

12 Ecological Information

Seaweed based

Ecotoxicological Information: Aquatic toxicity is expected to be low **Environmental Data:** Product is non-toxic to the environment **Persistence and Degradability:** No data **Bioaccumulation:** Low

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number Not regulated

Proper Shipping Name Not regulated

Dangerous Goods Class Not regulated

Packing Group: Not regulated

ADG Code: This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

15 Regulatory Information

AICS: All of the significant ingredients in this formulation are to be found in the public AICS Database

16 Other Information

Date of Preparation or Last Revision: December 2016

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This SDS contains only safety-related information. For other data see product literature. Acronyms: ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail AICS Australian Inventory of Chemical Substances ASCC Australian Safety & Compensation Council CAS number Chemical Abstracts Service Registry Number IARC International Agency for Research on Cancer NOHSC National Occupational Health & Safety Commission NTP National Toxicology Program (USA) SUSMP Standard for the Uniform Scheduling of Medicines & Poisons UN Number United Nations Number

Disclaimer

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