



SAFETY DATA SHEET

ISN Microbe Boost

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier	: ISN Microbe Boost
WHMIS Classification	: N/A
Product Use	: Soil phosphorus mobiliser
Manufacturer's Name	: ISN Nutrients Pty Ltd
Street Address	: 72 Barndioota Rd, Salisbury Plains, South Australia 5108, Australia
Phone	: +61 8 7289 2996
Date Prepared	: 16 September 2020

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	%	CAS Number	LD50 of Ingredient	LC50 of Ingredient
Purified Water	96.17	7732-18-5	N/A	N/A
Syrup	2.8	68425-17-2	N/A	N/A
Phosphoric Acid	0.5	7664-38-2	N/A	N/A
Vegetable Oil	0.4	84681-71-0	N/A	N/A
Potassium Humate	0.1	68514-28-3	N/A	N/A
Yeast	0.03	68876-77-7	N/A	N/A

3. HAZARDS IDENTIFICATION

Poisons Schedule (Australia)	: N/A
Hazard Categories	: N/A
Pictograms	: N/A
Signal Word	: N/A
Hazard Statements	: N/A

4. FIRST AID MEASURES

Contact Point	Detrimental Results	First Aid Measures
Eye Contact:	May result in mild irritation. Avoid contact with water - based contact lenses.	Rinse with water for at least 15 minutes.
Skin Contact :	Prolonged contact with concentrated liquid. May result in dryness and irritation of sensitive skin.	N/A
Ingestion:	May cause nausea if swallowed.	Give water to drink, do not induce vomiting.
Inhalation:	None at prepared dilutions. Note: intentional concentration and inhalation of vapours may be harmful.	Remove victim to open and ventilated area.

5. FIRE FIGHTING MEASURES

Flammable Limits	: Non-Flammable
Means of Extinction	: N/A
Flash Point (Degrees C)	: N/A
Upper Flammable Limit (% by volume)	: N/A
Lower Flammable Limit (% by volume)	: N/A
Auto Ignition Temperature (Degrees C)	: N/A
Explosion Data - Sensitivity to Impact	: N/A
Explosion Data - Sensitivity to Static Discharge	: N/A
Hazardous Combustion Products	: N/A

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	: Nil
Clean Up Procedures	: Wash area with water to prevent stickiness.
Waste Disposal Information	: Dispose to sewer or with composted material.

7. HANDLING AND STORAGE

Handling	: Avoid excessive shaking. Vent storage containers during transport.
Precautions For Safe Handling	: None
Storage	: Store away from excessive heat, avoid excessive shaking, vent storage containers during transport.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits	: N/A
Respiratory Protection	: Exercise caution when concentration of vapour is possible.
Ventilation	: Exercise caution when concentration of vapour is possible.
Protective Gloves	: Rubber / Plastic Gloves recommended.
Eye Protection	: Safety Glasses recommended for prolonged contact with concentrated liquid (liquid is low pH)
Other Protective Measures	: Avoid Inhalation of concentrated vapour.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Liquid
Odour and Appearance	: Brown Colour / Fermented Fragrance
Odour Threshold	: Not Available
Specific Gravity (H ₂ O=1)	: 1.1
Vapour Density (Air=1)	: As water
Vapour Pressure (mmHg)	: As water
Evaporation Rate: (Butyl Acetate=1)	: As water
Boiling Point (degrees C)	: 100 Degrees Celsius
Freezing Point (degrees C)	: 0 Degrees Celsius
pH	: 3.1 to 3.8
Coefficient of Water/Oil Distribution	: Not Available
Solubility In Water	: Liquid Soluble
Percent Volatile By Volume	: < 0.5%

10. STABILITY AND REACTIVITY DATA

Stability	: Alcohol be released when sprayed as aerosol.
Conditions To Avoid	: Excessive direct heat may damage product. Avoid Inhalation of concentrated vapour.
Materials To Avoid	: Contact with Strong Alkali products may result in exothermic reaction.
Hazardous Decomposition Products	: None
Hazardous Polymerisation	: None

11. TOXICOLOGICAL INFORMATION

Effects of Acute Exposure	: N/A
Effects of Chronic Exposure	: N/A

Irritancy of Product

Skin Sensitisation	: N/A
Respiratory Sensitisation	: N/A
Carcinogenicity-IARC	: N/A
Carcinogenicity-ACGIH	: N/A
Reproductive Toxicity	: N/A
Teratogenicity	: N/A
Embryotoxicity	: N/A
Mutagenicity	: N/A

12. ECOLOGICAL INFORMATION

Ecotoxicity	: Nil
Persistence and Degradability	: Nil
Mobility	: Nil
Other Adverse Effects	: Nil
Bioaccumulation potential	: Nil
Environmental Fate	: Nil
Environmental Impact	: Nil

13. DISPOSAL CONSIDERATIONS

General Information	: Dispose to sewer or with composted material.
Special Precautions for Landfill	: Recycle container where possible.



14. TRANSPORT INFORMATION

LAND TRANSPORT

Proper Shipping Name	: ISN Microbe Boost
Class	: Non-hazardous : Nil
Subsidiary Risk(s)	
EPG	: N/A
UN Number	: N/A
Hazchem	: N/A
Pack Group	: N/A
Special Precautions for user	: Nil

SEA TRANSPORT

Proper Shipping Name	: ISN Microbe Boost
Class	: Non-hazardous : Nil
Subsidiary Risk(s)	
UN Number	: N/A
Hazchem	: N/A
Pack Group	: N/A

15. REGULATORY INFORMATION

Poisons Schedule	: No Poisons Schedule number allocated
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16. OTHER INFORMATION

For information on appropriate emergency procedures, seek medical advice. For emergencies, please contact +61 439 778 339(24 hours)

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