

MATERIAL SAFETY DATA SHEET



NPK STARTER

MANUFACTURED BY: Microsoil, Temora NSW 2666.

EMAIL: info@microsoil.com.au.

PHONE: 0411 156 839.

POISONS INFORMATION CENTRE PHONE: 13 11 26.

IDENTIFICATION

Product Name	NPK STARTER.
Manufacturer Code	MS NPK.
Dangerous Goods Class and Risk	None Allocated.
Hazchem Code	2R.
Poisons Schedule Number	Not Scheduled for this product.
Uses	Liquid Biological Fertiliser, Soil Conditioner.

HAZARDS IDENTIFICATION - Statement of Hazardous Nature

This product is classified as: Not classified as hazardous according to the criteria of SWA.

Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

Risk Phrases: Not Hazardous - No criteria found.

Safety Phrases: S23, S24, S25, S36. Do not breathe vapours or mists. Avoid contact with eyes and skin. Wear suitable protective clothing.

ADG Classification: None allocated. Not a Dangerous Good under the ADG Code.

UN Number: None allocated

PHYSICAL DESCRIPTION AND PROPERTIES

Appearance	Brown colour, ammonia smell, fermented.
Boiling Point	100 degrees Celsius.
Freezing Point	0 degrees Celsius.
Vapour Pressure & Density	As Water.
Specific Gravity	1.1 (water).
Ph	3.0 – 5.0.
Evaporation Rate (Butyl Acetate=1)	As water
% Volatile by Volume	<2%.
Solubility	Soluble in water.

INGREDIENTS

Nutrients as per the analysis in the table below, trace minerals, naturally occurring microorganisms and plant stimulants, syrup, filtered water. Surfactant <1%.

MICROSOIL PRODUCTS			PRODUCT ANALYSIS					
PRODUCT	CODE	CONTAINER SIZE	N	P	K	S	Ca	Zn
Crop Starter	MS START	1,000 - 200 - 25 LITRES	3.80%	5.50%	0.41%			
Incrop	MS INCROP	1,000 - 200 - 25 LITRES	10.00%	3.00%	3.00%	1.30%		
N-Plus	MS NPLUS	1,000 - 200 - 25 LITRES	15.00%			1.00%		
Protein Nitrogen	MS PRO N	1,000 - 200 - 25 LITRES	19.00%					
NPK Starter	MS NPK	1,000 - 200 - 25 LITRES	8.00%	5.00%	2.00%	1.00%		0.50%
eNhance	MS ENHAN	1,000 - 200 - 25 LITRES		0.20%	0.10%		0.50%	0.30%
Foundation	MS FOUND	1,000 - 200 - 25 LITRES		2.00%	0.30%			
Organic	MS ORG	1,000 - 200 - 25 LITRES	2.00%	1.00%	1.00%	0.50%	0.01%	0.02%
Pasture	MS PAST	1,000 - 200 - 25 LITRES	10.00%	1.20%	0.30%	1.20%		
MicroStart Compost	MS COMP	1,000 - 200 - 25 LITRES	2.00%			2.40%		
Advance VAM Fungi+	ADV VAM	1,000 - 200 - 25 LITRES		0.85%	0.20%			
Advance PGR	ADV PGR	1,000 - 200 - 25 LITRES	6.70%	0.35%	2.09%			4.07%
Advance PGR Seed	ADV PGRS	1,000 - 200 - 25 LITRES	4.64%	0.35%	2.27%			4.44%

HEALTH HAZARD INFORMATION

Swallowed	If swallowed seek urgent medical advice. Rinse mouth out. Do not induce vomiting.
Eye	May cause irritation. Wash under running water.
Skin	May cause irritation. Wash hands & clothes if contaminated.
Inhaled	Inhaling concentrated vapours may be harmful.
First Aid Facilities	Ensure eyebath and safety shower are available for use.
Engineering Controls	Ensure workplace is well ventilated.
Personal Protection	Protective clothing including gloves and eyewear recommended.

SAFE HANDLING INFORMATION

Storage	Keep containers sealed & store in cool, dry area. Avoid direct heat.
Transport	Not classified as dangerous goods for transport.
Spills & Disposal	Clean up immediately. Avoid breathing vapours. Contain & absorb with sand, earth and inert material. Place in a suitably labelled container. Re-use where possible. Dispose with regular waste or to soil bound plants. Avoid runoff into drains or waterways. Flush spill area with water.
Materials To Avoid	Avoid strong acids, strong alkali or strong oxidising agents.
Precautionary Labelling	N/A.
Fire & Explosion	N/A.

DOC REF: MSDS NPK	DOC REVIEW DATE: 11 14	DOC REVIEWED BY: AH
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