



Material Safety Data Sheet

MSDS No.	2016	Issue Date : September 2007	ISSUED by SCOTTS AU
Product Name :	DICOT III 21:1:16 FERTILISER WITH BROADLEAF HERBICIDE		

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	DICOT III 21:1:16 FERTILISER WITH BROADLEAF HERBICIDE
Product Code	8626A
Manufacturer	SCOTTS AUSTRALIA PTY LTD
Address	11 Columbia Way Baulkham Hills NSW 2153 Australia
Emergency Tel.	1800 033 111
Telephone/Fax	Tel:(02) 8853 7300
Number	Fax:(02) 8853 7310
Recommended Use	Turf fertiliser + herbicide

2. HAZARDS IDENTIFICATION

Hazard Classification Classified as hazardous according to NOHSC. Not classified as dangerous goods according to the ADG Code.
Classified as hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
Not classified as Dangerous Goods for transport, according to the New Zealand Standard NZS 5433:1999 Transport of Dangerous Goods on Land.

HSNO classification:

- 6.4A- Substance that is irritating to the eye
- 6.9B- Substance that is harmful to human target organs or systems
- 9.1C- Substance that is ecotoxic in the aquatic environment
- 9.2A- Substance that is ecotoxic in the soil environment

Hazard statement code:

- H319 Causes serious eye irritation
- H373 May cause damage to organs through prolonged or repeated exposure.
- H412 Harmful to aquatic life with long lasting effects
- H421 Very toxic to the soil environment

Risk & Safety phrases Xi- irritant
R43- May cause sensitization by skin contact.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion	Ingredients
	2,4-D acid	94-75-7	1.03%	
	Mecroprop technical	93-65-2	1.03%	
	Dicamba acid technical	1918-00-9	0.07%	
	Potassium sulphate	7772-80-5	10%	
	Monoammonium phosphate	7722-76-1	10%	
	Methylene ureas/ureas	57-13-6	78%	

4. FIRST AID MEASURES

Inhalation	Remove affected person to fresh air and monitor airways and breathing. Seek medical aid if symptoms persist.
Ingestion	If swallowed, contact a doctor or poisons information centre immediately. Phone 13 11 26 (Australia) or 0800 764 766 (New Zealand). Do not induce vomiting.
Skin	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before reuse. If irritation persists, seek medical attention.
Eye	Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes. If symptoms persist, seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Dry chemical, water, carbon dioxide, foam.
Hazards from	May decompose to generate ammonia and hydrochloric acid. Oxides of



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Combustion Products nitrogen and carbon are also possible.
Special Protective Equipment for fire fighters Wear self contained breathing apparatus and suitable protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Wear personal protective equipment. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.
Sweep up spilled material and return to the original container or to a well marked drum.

7. HANDLING AND STORAGE

Precautions for Safe Handling After using and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.
Conditions for Safe Storage Store in original container. Keep tightly closed in a cool, dry, well-ventilated place. Protect from extremes of temperature. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards Australian Safety & Compensation Council (ASCC, formerly NOHSC) exposure standards:

Substance	TWA	STEL
	ppm	mg/m ³
2,4-D acid	-	10

New Zealand Occupational Safety & Health Service (OSH) Workplace exposure standards:

Substance	TWA	STEL
	ppm	mg/m ³
2,4-D acid	-	10

Biological Limit Values None allocated

Engineering Controls Ensure adequate ventilation.
Respiratory Protection Disposable dust-mask covering mouth and nose.
Hand Protection Elbow-length PVC gloves
Eye/face protection Safety goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance White granules
Odour Not available
Melting Point Not available
Boiling Point Not available
Solubility in Water Partly
pH Value Not available
Vapour Pressure Not available
Vapour Density (Air=1) Not available
Bulk density Not available
Decomposition temperature Not available
Flashpoint Not available
Flammable Limits Not available

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions of storage for more than 2 years.
Conditions to Avoid Extreme heat
Materials to avoid No information available



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Hazardous Decomposition Products Ammonia, hydrochloric acid, oxides of nitrogen and carbon.

11. TOXICOLOGICAL INFORMATION

Inhalation	Inhalation of dust may cause irritation.
Ingestion	Harmful if swallowed.
Skin	May cause skin irritation.
Eye	May cause eye irritation.

12. ECOLOGICAL INFORMATION

Ecotoxicity	The product is not particularly dangerous to wildlife including aquatic organisms, however plants treated with contaminated water may be damaged, and the fertiliser content may encourage algal growth.
Environ. Protection	WARNING: Do not use on or in situations where damage to susceptible crops such as cotton, vines, tomatoes, vegetables, fruit trees, legume crops and pastures, oilseed crops or other susceptible crops, trees and shrubs, may occur from direct application, drift including storm run-off, or vapour. Do not allow chemical or empty containers to enter drains, sewers, streams, ponds or other waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Use up product completely. Shred empty container and bury in a local authority landfill. If not available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways. Empty containers and product should not be burnt.
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14. TRANSPORT INFORMATION

Transport Information	Not classified as dangerous goods according to the Australian Dangerous Goods Code. Not classified as Dangerous Goods for transport, according to the New Zealand Standard NZS 5433:1999 Transport of Dangerous Goods on Land.
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15. REGULATORY INFORMATION

Regulatory Information	APVMA approval no. 56198 HSNO approval code HSR000365. ACVM approval not required.
Poisons Schedule	S5

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Created: September 2007

Contact Person/Point	Scotts Australia Pty Ltd 11 Columbia Way Baulkham Hills NSW 2153 Phone (02) 8853 7300 Fax (02) 8853 7310 Emergency phone 1800 033 111 ...End Of MSDS...	New Zealand: 180c Great South Rd Takanini, Auckland Phone (09) 299 6558 Fax (09) 296 0186 Emergency phone 0800 734 607
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