



Material Safety Data Sheet

MSDS No.	009058	Issue Date:	March 2011	Page:	1 of 4
Product Name:	SIERRARON G PRE-EMERGENT HERBICIDE			Version:	2.0

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name	SIERRARON G PRE-EMERGENT HERBICIDE		
Product code	009058, 009057h		
Manufacturer	SCOTTS AUSTRALIA PTY LTD		
Address	Australia: 11 Columbia Way Baulkham Hills NSW 2153	New Zealand: 180c Great South Rd Takanini Auckland	
Emergency telephone	1800 033 111	0800 734 607	
Telephone/fax number	Tel: (02) 8853 7300 Fax: (02) 8853 7310	Tel: (09) 299 6558 Fax: (09) 296 0186	
Recommended use	Herbicide		

2. HAZARDS IDENTIFICATION

Hazard classification	NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS.
Risk & safety phrases	Classified according to the criteria of Safe Work Australia. None allocated.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS	Proportion of ingredients
Dichlobenil	1194-65-6	6.75%
Other ingredients determined not to be hazardous.	-	Balance

4. FIRST AID MEASURES

General	If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.
Inhalation	Remove patient to fresh air - avoid becoming a casualty. If effects persist, seek medical advice.
Ingestion	Rinse mouth with water. Give patient plenty of water to drink. Seek immediate medical advice.
Skin	Wash thoroughly with soap and water. Remove contaminated clothing and launder before re-use. If irritation occurs, seek medical advice.
Eye	Hold eye(s) open and flush with water for at least 15 minutes. Seek medical advice.
First aid facilities	Eye wash station.
Advice to doctor	None allocated.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Water jets, water fog (or if unavailable, fine water spray), foam, dry agent (carbon dioxide, dry chemical powder). Contain runoff.
Hazards from combustion products	Combustible Solid: Protect against inhalation of combustion products by wearing self-contained breathing apparatus.
Special protective precautions and equipment for fire fighters	Wear self-contained breathing apparatus.
Hazchem code	None allocated

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures	If there is contamination of crops or waterways, advise emergency services or State Department of Agriculture.
Methods and	Wear protective equipment as outlined above, to prevent skin and eye contamination as well as



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materials for containment and cleanup inhalation of dust. Eliminate all ignition sources within at least 15 m. Do not touch or walk through spilled material. Preferably, vacuum up to avoid creating dust. Do not contaminate watercourses or drains with products or containers. Transfer into secure, sealed and properly labeled containers for disposal. Do not reuse container for any purpose.

7. HANDLING AND STORAGE

Precautions for safe handling Wear protective equipment as outlined above, to prevent skin and eye contamination as well as inhalation of dust.

Conditions for safe Storage Store in original container, away from children, animals, food and feedstuffs. Storage must be secure, and locks and/or seals in order, so contents cannot be tampered with. Check regularly for leaks. Keep cool and dry and out of direct sunlight or other sources of heat and ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards None specifically allocated for this material.
The exposure standard for dust not otherwise specified is 10mg/m³ for inspirable dust and 3mg/m³ for respirable dust. The limit applies to both Australia and New Zealand.

Biological limit values None allocated.

Engineering controls Provide sufficient ventilation to minimize dust exposure. Protect closed handling systems against possible dust explosions. Avoid dust accumulations in building or equipment surfaces. Keep containers closed when not in use.

Personal protection- general Avoid personal contact. Do not inhale dust. Do not eat, drink or smoke while using. After use and before eating, drinking, smoking or using the toilet, wash hands, arms and face thoroughly with soap and water.

Respiratory protection If dust is generated and there is danger of inhaling dust, wear a dust respirator (SCBA).

Skin protection Wear suitable protective clothing and gloves. Wear overalls and impervious gloves. Launder clothing before reuse.

Eye protection Wear safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Pale grey granules and powder

Odour Characteristic odour

pH value Not available

Vapour pressure 0.088 Pa @ 20°C for active ingredient

Vapour density Not available

(Air=1)

Boiling point Not available

Melting point Not available

Solubility in water Not available

Bulk Not available

density/specific gravity

Flashpoint >150°C

Auto-ignition temperature Not available

Flammable limits-lower Not available

Flammable limits- Not available



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upper

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions of storage and use.
Conditions to avoid	Not available.
Incompatible materials	Not available.
Hazardous decomposition products	Not available.
Hazardous reactions	Not available.

11. TOXICOLOGICAL INFORMATION

Inhalation	Slightly toxic by inhalation. Acute inhalation LC50 > 0.250mg/L (rat) (Dichlobenil) > 3.3mg/L (rat) (Sierraron)
Ingestion	May result in nausea and vomiting. Acute oral LD50: > 2.0g/kg (rat) (Dichlobenil) 1.17g/kg (rat/mice) (Sierraron)
Skin	Contact with skin may result in irritation. Dichlobenil acute dermal LD50 > 2.0g/kg (rabbit)
Eye	Contact with eyes may cause irritation.
Chronic effects	In a 2 year feeding study with dichlobenil in male and female dogs (at doses up to 8.75mg/kg/day), increased liver and thyroid weights and other physiological changes were reported at the highest dose tested.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Dichlobenil is moderately toxic to fish and to aquatic invertebrate. For the active ingredient dichlobenil: 96 hr LC50 (Bluegill Sunfish) – 7.8 mg/L 96 hr LC50 (Rainbow Trout) - 8.3 mg/L 48 hr LC50 (Daphnia magna) – 6.2 mg/L
Persistence and degradability	No information available.
Mobility	No information available.
Bioaccumulative potential	No information available.
Environmental protection	Do not allow the product or empty container to enter drains, streams or other waterways.

13. DISPOSAL CONSIDERATIONS

Disposal methods and containers	For disposal after intended use: Do not dispose of undiluted chemicals on-site. Puncture or shred and bury containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. For disposal after spill or accident: Dispose of sealed containers at an approved local waste disposal site.
Special precautions for landfill/incineration	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.

15. REGULATORY INFORMATION

Regulatory information APVMA product number 58048.

Poisons schedule S6

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Created: April 2006
Updated: March 2011. General 5 yearly update.

Contact point

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