



SAFETY DATA SHEET

According to EC Directive 2001/58/EC

Print date: 27-Oct-2006

Revision Number: 0

Revision date:

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Identification of the substance or preparation

MSDS Ref. No.: SCSDS372
Product name: Casoron G4

Use of the Substance/Preparation

Recommended use: Herbicide.

Company/Undertaking Identification
Emergency telephone number:

- Scotts UK Professional, Paper Mill Lane, Bramford, Ipswich, Suffolk IP8 4BZ United Kingdom
- ++44 (0) 1865 407333

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Dichlobenil	1194-65-6	1 - 5%	608-015-00-X	N;R51/53 Xn;R21

For the full text of the R phrases mentioned in this Section, see Section 16

3. HAZARDS IDENTIFICATION

Classification

The product is non-dangerous in accordance with Directive 1999/45/EC

Most important hazards

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

General advice: In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Revision date:

Page 1 of 5

Ingestion:	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting.
Inhalation:	Move to fresh air. If symptoms persist, call a physician.
Skin contact:	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:
powder . carbon dioxide (CO2). foam. Water spray mist or foam.

Unsuitable extinguishing media:
High volume water jet

Special protective equipment for firefighters:
Use personal protective equipment. Self-contained breathing apparatus and suitable protective clothing.

Specific methods:
Collect contaminated fire extinguishing water separately. This must not be discharged into drains

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:
Use personal protective equipment.

Environmental precautions:
Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up:
Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling:

Technical measures/precautions: Avoid dust formation. Ensure adequate ventilation.

Safe handling advice: Read and follow label instructions. Wash off splashes (immediately). Wash hands and exposed skin after use / handling.

Storage:

Technical measures/storage conditions: Store in original container. Keep tightly closed in a dry and cool place. Owing to the high phytotoxicity to buds and germinating seeds Casoron G should be stored well away from corms, bulbs, tubers and seeds for planting..

Incompatible products: No information available

Specific use(s): No information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure: Ensure adequate ventilation.

Occupational exposure controls

Personal protective equipment

Respiratory protection:	Respirator with EN149:2001FFP3 filter.
Hand protection:	Protective gloves. Nitrile rubber.
Eye/face protection:	Face-shield.
Skin and body protection:	Wear suitable protective clothing, Rubber boots.
Hygiene measures	When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Wash hands before stopping and immediately after handling..

Exposure limit values

Environmental exposure controls

There are no Occupational Exposure Limits available.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State:	Granules
Color:	Grey
Odor:	Aromatic

Important Health Safety and Environmental Information

Other information

Bulk density:	1.20kg/m ³
Autoignition temperature:	>400 (°C)

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Conditions to avoid:	None known.
Materials to avoid:	Strong bases. Strong acids and oxidising agents.
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating gases and vapours. Nitrogen oxides (NOx). Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Component information

Dichlobenil

LD50/oral/rat = >5000mg/kg

LD50/dermal/rabbit = >2,000mg/kg

Product information**Local effects**

Skin effects: May cause skin irritation in susceptible persons.

Eye effects: May cause temporary eye irritation as a foreign body in the eye.

Inhalation: No information available.

Ingestion: No information available.

12. ECOLOGICAL INFORMATION**Product information****Aquatic toxicity:**

EC50/72h/algae = 30mg/l

EC50/48h/daphnia = 92mg/l

LC50/96h/rainbow trout = 188mg/l

Component information

Additional ecological information: Harmful to aquatic organisms May cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Do not contaminate ponds, waterways or ditches with chemical or used container.. Do not empty into drains. Use up product completely. Packaging material is industrial waste. Dispose of in accordance with local regulations and national regulations.

Contaminated packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION**Product information**

Physical State: Granules

ADR/RID

UN-No: Not classified for transport

IATA**UN-No:** Not classified for transport**IMO / IMDG****UN-No:** Not classified for transport**15. REGULATORY INFORMATION****Indication of danger:**

Not dangerous.

To avoid risks to man and the environment, comply with the instructions for use.

This Safety Data Sheet does not form part of the label approved under the Control of Pesticide Regulations 1986.

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Wash hands and exposed skin after use / handling. Do not contaminate ponds, waterways or ditches with chemical or used container. Keep in original container, tightly closed in a safe place. Empty container thoroughly and dispose of safely.

Registration number UK/Eire

MAPP 10708

16. OTHER INFORMATION**Text of R Phrases mentioned in Section 2**

R21 - Harmful in contact with skin.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Reason for revision:

*** Indicates changes since the last revision. This version replaces all previous versions

Prepared by:

Regulatory Affairs Department.

This information contained herein is, to the best of Scott's knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and Scotts shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, Scotts shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product

End of Safety Data Sheet