



# SAFETY DATA SHEET

According to EC Directive 2001/58/EC

Print date: 15-Nov-2005

Revision Number: 0

Revision date: (invalid date)

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

### Identification of the substance or preparation

MSDS Ref. No.: SCSDS092  
Product name: Basilex

### Use of the Substance/Preparation

Recommended use: For use only as a agricultural / horticultural fungicide.

Company/Undertaking Identification  
Scotts UK Professional, Paper Mill Lane, Bramford, Ipswich, Suffolk IP8 4BZ United Kingdom  
Emergency telephone number: ++44 (0) 1865 407333

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### Chemical nature of the preparation

Components	CAS-No	Weight %	EC-No.	Classification
Tolclofos-Methyl	57018-04-9	> 25%	260-515-3	Xi:R43, N:R50/53
Diatomaceous earth	61790-53-2	> 25%		None

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

## 3. HAZARDS IDENTIFICATION

### Classification

Xi - Irritant  
N - Dangerous for the environment

### Most important hazards

Irritating to eyes, respiratory system and skin.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 4. FIRST AID MEASURES

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<b>General advice:</b>	Contains tolclofos-methyl. May produce an allergic reaction. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
<b>Ingestion:</b>	Rinse mouth. Do not induce vomiting. If symptoms persist, call a physician.
<b>Inhalation:</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Skin contact:</b>	Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.
<b>Eye contact:</b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Water spray mist or foam, dry powder, carbon dioxide (CO2).

**Unsuitable extinguishing media:**

High volume water jet

**Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases:**

Danger of toxic gases in smoke.

**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:**

Wear personal protective equipment. Avoid contact with the skin and the eyes. Avoid dust formation.

**Environmental precautions:**

Read label. Do not flush into surface water or sanitary sewer system. Prevent product from entering drains. Do not allow material to contaminate ground water system. Local authorities should be advised if significant spillages cannot be contained.

**Methods for cleaning up:**

Avoid dust formation. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water. Contain all contaminated water for removal and treatment.

## 7. HANDLING AND STORAGE

**Handling:****Technical measures/precautions:**

Read and follow label instructions.

**Safe handling advice:**

Wear personal protective equipment. Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Wash off splashes (immediately). Wash hands and exposed skin after use / handling.

**Storage:****Technical measures/storage conditions:**

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from food, drink and animal feeding stuffs.

**Incompatible products:**

No information available

**Specific use(s):**

Fungicide.

**Verband der Chemischen Industrie (VCI):**

Exempt

**Risk classification according to VbF (Germany)**

Exempt

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**

Ensure adequate ventilation.

**Occupational exposure controls****Personal protective equipment****Respiratory protection:**

Wear a mask of FFP2S at the minimum.

**Hand protection:**

Protective gloves. Nitrile rubber.

**Eye/face protection:**

Face-shield.

**Skin and body protection:**

Wear suitable protective clothing.

**Hygiene measures**

When using, do not eat, drink or smoke. Wash hands before stopping and immediately after handling..

**Exposure limit values***Diatomaceous earth*

UK EH40 WEL:

1.2mg/m<sup>3</sup> (natural respirable dust)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**General Information****Physical State:**

Powder

**Color:**

Off-white

**Odor:**

No information available

**Important Health Safety and Environmental Information****Other information**

## 10. STABILITY AND REACTIVITY

**Stability:**

Stable under recommended storage conditions.

<b>Conditions to avoid:</b>	Extremes of temperature and direct sunlight..
<b>Materials to avoid:</b>	Contact with alkali.
<b>Hazardous decomposition products:</b>	Thermal decomposition can lead to release of irritating gases and vapours..

## 11. TOXICOLOGICAL INFORMATION

### Component information

#### *Tolclofos-Methyl*

<b>LD50/oral/rat =</b>	>5000mg/kg (Tolclofos-methyl 50% wettable powder)
<b>LD50/dermal/rat =</b>	>5000mg/kg (Tolclofos-methyl 50% wettable powder)
<b>LC50/inhalation/4h/rat =</b>	>13.3mg/l (Tolclofos-methyl 50% wettable powder)

### Product information

#### Local effects

<b>Skin effects:</b>	May cause skin irritation in susceptible persons.
<b>Eye effects:</b>	May cause eye irritation with susceptible persons.
<b>Inhalation:</b>	May cause sensitization by inhalation
<b>Ingestion:</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

## 12. ECOLOGICAL INFORMATION

### Product information

#### **Aquatic toxicity:**

Toxic to aquatic organisms May cause long-term adverse effects in the aquatic environment.

### Component information

#### *Tolclofos-Methyl*

<b>Ecotoxicity effects</b>	LD50/Bee =254.3ug
<b>Ecotoxicity effects</b>	EC50/24h/Daphnia magna = 5.2mg/L
	LC50/96h/Lepomis macrochirus = 59mg/L
	LC 50/96h/ Oncorhynchus mykiss = 26mg/L

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:** Do not contaminate ponds, waterways or ditches with chemical or used container.. 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:** Powder

### ADR/RID

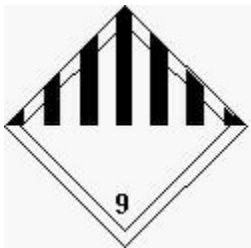
**UN-No:** 3077  
**Packing group:** III  
**Proper shipping name:** Environmentally Hazardous Substance Solid N.O.S.(50% Tolclofos-methyl).  
**Hazard Class:** 9

### IATA

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### IMO / IMDG

**UN-No:** 3077  
**Proper shipping name:** Environmentally Hazardous Substance Solid N.O.S.(50% Tolclofos-methyl)  
**Packing group:** III  
**Hazard Class:** 9



## 15. REGULATORY INFORMATION

### Indication of danger:

Xi - Irritant.

N - Dangerous for the environment.

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



R36/37/38 - Irritating to eyes, respiratory system and skin.

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

**S -phrase(s)**

S36 - Wear suitable protective clothing.

S37 - Wear suitable gloves.

S39 - Wear eye/face protection.

Do not breathe spray. Do not contaminate water with the product or its container. Keep in original container, tightly closed in a safe place. Empty container thoroughly and dispose of safely.

**Registration number UK/Eire**

MAPP: 07494 PCS No: 90215

## 16. OTHER INFORMATION

**Text of R Phrases mentioned in Section 2**

R43 - May cause sensitization by skin contact.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Reason for revision:**

Not applicable

**Prepared by:**

Regulatory Affairs Department.

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**End of Safety Data Sheet**