



SAFETY DATA SHEET

According to EC Directive 2001/58/EC

Print date: 23-Nov-2006

Revision Number: 2

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

Identification of the substance or preparation

MSDS Ref. No.: SCSDS093
Product name: Filex

Use of the Substance/Preparation

Recommended use: For use only as a horticultural fungicide.

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
Propamocarb hydrochloride	25606-41-1	> 25%	247-125-9	NE

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

3. HAZARDS IDENTIFICATION

Classification

Xi - Irritant

Most important hazards

May cause sensitization by skin contact.

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).

Ingestion: Rinse mouth. Do not induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

Inhalation:	Move to fresh air. If symptoms persist, call a physician.
Skin contact:	Wash off immediately with soap and plenty of water. If symptoms persist, call a physician. Remove and wash contaminated clothing before re-use.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
Notes to physician:	This product, although being a carbamate, is NOT a cholinesterase inhibitor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Use dry chemical, CO₂, water spray or "alcohol" foam. powder .

Unsuitable extinguishing media:

High volume water jet

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

Not combustible

Danger of toxic gases in smoke in case of fire

Special protective equipment for firefighters:

Use personal protective equipment. Self-contained breathing apparatus and suitable protective clothing.

Specific methods:

Cool containers / tanks with spray water 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 let product enter drains. Do not contaminate surface water. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up:

Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling:**Technical measures/precautions:**

Read and follow label instructions.

Safe handling advice:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin..

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

Store in original container. Keep tightly closed in a dry and cool place. Keep away from food, drink and animal feeding stuffs. Keep at temperatures between 0 °C and 30 °C .

Incompatible products:

Do not store together with seeds or fertilizers

Specific use(s): No information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure: Read and follow label instructions Ensure adequate ventilation.

Occupational exposure controls

Personal protective equipment

Respiratory protection:	Respirator with FFP3 filter.
Hand protection:	Chemical resistant gloves.
Eye/face protection:	Face-shield.
Skin and body protection:	disposable one-piece overall with integral hood, Rubber boots.
 Hygiene measures	 Avoid contact with skin and eyes. Wash hands and exposed skin after use / handling..

Exposure limit values

Environmental exposure controls There are no Occupational Exposure Limits available.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Physical State:	Liquid
Color:	Yellow
Odor:	Slight

Important Health Safety and Environmental Information

Boiling point/range:	ca. 100 (°C)
Density:	ca. 1.085g/cm ³ at 20 degrees C
Solubility:	Completely miscible
Partition coefficient (n-octanol/water):	Log Pow : -2.6 (for active ingredient propamocarb-hydrochloride)
Viscosity:	34.23 mPa.s at 20 degrees C.

Other information

10. STABILITY AND REACTIVITY

Stability: No decomposition if stored and applied as directed.

Conditions to avoid: No information available

Materials to avoid: Metals.

Hazardous decomposition products: None.

11. TOXICOLOGICAL INFORMATION

Component information

Product information

LC50/inhalation/4h/rat = > 4.95mg/l
LD50/dermal/rat > 5,000mg/kg
LD50/oral/rat = > 5,000mg/kg

Local effects

Skin effects: May cause sensitization by skin contact.
Eye effects: May cause eye irritation with susceptible persons.
Inhalation: No information available.
Ingestion: No information available.

12. ECOLOGICAL INFORMATION

Product information

Component information

Propamocarb hydrochloride

Ecotoxicity effects EC50/48h/daphnia = >106mg/l
Ecotoxicity effects LC50/96h/bluegill sunfish = >92mg/l

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: Liquid

14. TRANSPORT INFORMATION

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:

Xi - Irritant.

This Safety Data Sheet does not form part of the label approved under the Control of Pesticide Regulations 1986. To avoid risks to man and the environment, comply with the instructions for use.

Xi



R -phrase(s)

R43 - May cause sensitization by skin contact.

S -phrase(s)

S24 - Avoid contact with skin.

S36 - Wear suitable protective clothing.

S37 - Wear suitable gloves.

Read and follow label instructions

Registration number UK/Eire

MAPP No: 07631 PCS No: 90595

16. OTHER INFORMATION

Text of R Phrases mentioned in Section 2

None

Reason for revision:

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

Prepared by:

Regulatory Affairs Department.

Full formulation details are confidential to Bayer CropScience Ltd, 230 Cambridge Science Park, Milton Road, Cambridge
CB4 0WB

Telephone: 01223 226500

Emergency telephone: 0800 220876.

End of Safety Data Sheet