



# SAFETY DATA SHEET

According to EC Directive 2001/58/EC

Print date: 23-Jan-2006

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

### Identification of the substance or preparation

MSDS Ref. No.: SCSDS095  
Product name: Intercept 70WG

### Use of the Substance/Preparation

Recommended use: For use only as a horticultural insecticide.

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
Imidacloprid	138261-41-3	> 25%	138261-43-3	Xn;R22, R52

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

## 3. HAZARDS IDENTIFICATION

### Classification

Xn - Harmful

### Most important hazards

Harmful if swallowed.

## 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:** If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting.

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<b>Inhalation:</b>	Move to fresh air. Consult 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>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Notes to physician:</b>	Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Water spray mist or foam, carbon dioxide (CO<sub>2</sub>), sand.

**Unsuitable extinguishing media:**

High volume water jet

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

During fire there might be a release of: . hydrogen chloride. Hydrogen Cyanide. Carbon monoxide. Nitrogen oxide .

**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. Keep away from sources of ignition - No smoking.

**Environmental precautions:**

Do not let product enter drains. 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:**

Avoid dust formation. Take up mechanically and collect in suitable container for disposal. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

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

Use only in area provided with appropriate exhaust ventilation. Keep away from source of ignition. .

**Safe handling advice:**

Handle in accordance with good industrial hygiene and safety practice. Keep away from heat and sources of ignition. When using do not smoke. When using do not eat or drink. Wash hands and exposed skin after use / handling.

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

Store in original container. Store in a place accessible by authorised persons only. Keep container tightly closed. Keep at temperatures below 40 °C. Keep away from food, drink and animal feeding stuffs.

<b>Incompatible products:</b>	None known
<b>Specific use(s):</b>	Insecticide.
<b>Verband der Chemischen Industrie (VCI):</b>	Exempt
<b>Risk classification according to VbF (Germany)</b>	Exempt

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

### Occupational exposure controls

#### Personal protective equipment

<b>Respiratory protection:</b>	Effective dust mask.
<b>Hand protection:</b>	PVC or other plastic material gloves.
<b>Eye/face protection:</b>	Safety glasses with side shields or goggles.
<b>Skin and body protection:</b>	lightweight protective clothing.
<b>Hygiene measures</b>	Avoid contact with skin and eyes. 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

<b>Physical State:</b>	Granules
<b>Color:</b>	Brown
<b>Odor:</b>	slight, characteristic

### Important Health Safety and Environmental Information

<b>pH:</b>	7.0 - 9.0 (1 % solution in water.)
<b>Solubility:</b>	Dispersible

### Other information

<b>Melting point/range:</b>	110 °C
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## 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>	None known.
<b>Hazardous decomposition products:</b>	In fire, product may release: . Hydrogen Cyanide. hydrogen chloride. Carbon monoxide . Nitrogen oxides (NOx).

## 11. TOXICOLOGICAL INFORMATION

### Component information

#### Product information

<b>LC50/inhalation/4h/rat =</b>	>162mg/l (tested in the form of respirable fine dust).
<b>LD50/dermal/rat</b>	>2,000mg/kg
<b>LD50/oral/rat =</b>	>300 - <500mg/kg

#### Local effects

<b>Skin effects:</b>	Slight irritation. May cause skin irritation in susceptible persons.
<b>Eye effects:</b>	May cause eye irritation with susceptible persons
<b>Inhalation:</b>	No information available.
<b>Ingestion:</b>	No information available.
<b>Sensitization:</b>	No sensitization.

## 12. ECOLOGICAL INFORMATION

### Product information

#### **Aquatic toxicity:**

LC50/96h/rainbow trout = 301mg/l

EC50/48h/daphnia = 242mg/l

EC50/72h/algae = >1,000mg/l

### Component information

*Imidacloprid*

#### **Ecotoxicity effects**

EC50/48h/daphnia = 85mg/l  
 LC50/96h/rainbow trout = 211mg/l  
 EC50/72h/algae = 100mg/l

**Additional ecological information:** High risk to bees. Do not spray plants in flower or those in which bees are actively foraging.

### 13. DISPOSAL CONSIDERATIONS

- Waste Disposal Methods:** Do not contaminate ponds, waterways or ditches with chemical or used container.. Dispose of in accordance with local regulations and national regulations. Can be landfilled or incinerated, when in compliance with local regulations.
- Contaminated packaging:** Do not re-use empty containers. Empty containers can be landfilled after cleaning, when in compliance with the environmental protection (duty of care) regulations 1991..

### 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:

The product has been classified according to the Chemicals (Hazard Information and Packaging for Supply) Regulations [CHIP 3].

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

Xn - Harmful.

**Contains:** Imidacloprid

Xn



#### R -phrase(s)

R22 - Harmful if swallowed.

Keep in original container, tightly closed in a safe place. High risk to bees. Do not spray plants in flower or those in which bees are actively foraging. Do not contaminate water with the product or its container. Do not re-use container for any other purpose and dispose of safely. Keep away from food, drink and animal feeding stuffs. Wash hands and exposed skin after use / handling.

**Registration number UK/Eire**

MAPP 08585

<b>16. OTHER INFORMATION</b>
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**Text of R Phrases mentioned in Section 2**

R22 - Harmful if swallowed.

R52 - Harmful to aquatic organisms.

**Reason for revision:**

Not applicable

**Prepared by:**

Regulatory Affairs Department.

Full formulation details are confidential to Bayer Crop Science Ltd. Hauxton, Cambridge, CB2 5HU

Telephone: 01223 870312.

**End of Safety Data Sheet**