



# MATERIAL SAFETY DATA SHEET

Date stamp: 10-Dec-2008

MSDS Ref. No.: 95660

Revision Number: 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Scotts® Benefit® 60 WP  
**Description:** Insecticide

**Company**  
The Scotts Company LLC  
14111 Scottslawn Road  
Marysville, OH 43041

**24-HOUR EMERGENCY TELEPHONE NUMBERS:**  
CHEMTREC (U.S.): 1-800-424-9300  
CHEMTREC (International): 1-703-527-3887  
Non-Emergency Calls: 1-937-644-0011

**EPA Registration No.:** 42750-153-58185  
**Product Number(s):** 95660, 956601

## 2. HAZARDS IDENTIFICATION

### Labelling

**Signal word:** CAUTION

### Precautionary Statements

Harmful if swallowed, inhaled, or absorbed through skin. Causes eye irritation. Avoid contact with eyes, skin, and clothing. Avoid breathing dust. Avoid breathing vapors. Keep out of reach of children.

### Potential health effects

**Eye contact:** Contact with eyes may cause irritation.

**Skin contact:** Irritation not expected.

**Ingestion:** Slightly toxic. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

**Inhalation:** May cause irritation of respiratory tract.

**Aggravated Medical Conditions:** Inhalation may aggravate asthma.

**Principle routes of exposure:** Skin, Eyes, Inhalation

**Target organ effects:** Irritation.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	Weight %
Other Ingredients	No CAS#	40
Imidacloprid	138261-41-3	60

## 4. FIRST AID MEASURES

**Eye contact:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice

**Skin contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice

**Ingestion:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person

**Inhalation:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice

**Notes to physician:** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Flammable properties:** May burn under fire conditions.

**Suitable extinguishing media:** Water spray, carbon dioxide, dry chemical, chemical foam.

**Explosion potential:** Dust at sufficient concentrations may form explosive mixtures with air.

**Hazardous combustion products:** Toxic fumes may be produced.

**5. FIRE-FIGHTING MEASURES**

**Fire fighting procedures:** Select appropriate method to surround and extinguish fire. Contain run-off as ingredients may be toxic to aquatic organisms.

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Wear personal protective equipment

**Environmental precautions:** Prevent product from entering drains

**Methods for containment:** Clean up promptly by sweeping or vacuum.

**Methods for cleaning up:** Avoid dust formation. Flush with water.

**7. HANDLING AND STORAGE**

**Handling:** Avoid container breakage. Avoid inhalation or contact with skin, eyes, or clothing.

**Storage:** Store in a cool, dry area away from incompatible materials and heat sources.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Components	ACGIH:	OSHA:
Imidacloprid	Not Listed	Not Listed

**Engineering controls** Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard

**Personal Protective Equipment****Eye/face protection**

Eye/face protection is not required, but is recommended in manufacturing situations where contact may occur. Safety glasses with side shields or goggles.

**Skin and body protection:**

Wear suitable protective clothing if contact is anticipated during manufacturing. Chemical resistant gloves. If airborne levels are high or product does not remain intact, use a combination of engineering controls (e.g. ventilation) and personal protection, e.g., NIOSH/MSHA approved respirator for dusts, mists, and fumes.

**Respiratory protection:**

**General hygiene considerations:**  
**Precautions:**

Wash hands before breaks and immediately after handling the product  
Running water/eye wash station should be available.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Solid	<b>Color:</b>	Grey
<b>Bulk density:</b>	30-35 lbs/cu.ft.	<b>Flash point:</b>	Not applicable
<b>Appearance:</b>	Powder	<b>pH:</b>	6.7
<b>Solubility:</b>	Water solubility, Dispersible		

**10. STABILITY AND REACTIVITY**

**Chemically Stable:** Yes

**Conditions to avoid:** Damp or wet conditions. Extreme heat. Temperatures above 100°F.

**Materials to avoid:** None known.

**Hazardous decomposition products:** Toxic fumes and gases may be generated.

**Possibility of hazardous reactions:** Poses little or no immediate hazard.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

**LD50/oral:** >4500 mg/kg, rat

**LD50/dermal:** >2000 mg/kg, rat

**LC50/inhalation:** >5 mg/L, (dust), rat

**Eye effects:** Mild eye irritation, rabbit

**Skin effects:** Non-irritating to the skin, rabbit

**Sensitization:** No sensitization, guinea pig

**Chronic toxicity**

**Carcinogenic effects:** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Components	NTP:	IARC:	OSHA:
Imidacloprid	Not listed	Not listed	Not listed

**Ingestion:** Ingestion may cause irritation to mucous membranes.  
**Inhalation:** May cause irritation of respiratory tract.  
**Target organ effects:** Irritation.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity effects:** Highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Toxic to aquatic organisms.  
**Persistence and degradability:** Inherently biodegradable.  
**Bioaccumulative potential:** No information available.  
**Mobility:** Water contaminating.  
**Aquatic toxicity:** Toxic to fish and other water organisms.  
**Additional ecological information:** Do not contaminate water sources when disposing of equipment washwaters. Do not apply directly to lakes, streams, or ponds.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods:** In accordance with local and national regulations. Read and follow label instructions. Do not place product down any indoor or outdoor drain.  
**Contaminated packaging:** If empty, place in trash or offer for recycling if available. Do not re-use empty containers.

**14. TRANSPORT INFORMATION**

The description shown may not apply to all situations. Consult 49 CFR, or appropriate dangerous goods regulations for additional description requirements (e.g. technical name) and mode-specific or quantity-specific shipping requirements.

**DOT (Land)** Not DOT regulated  
**DOT (AIR)** Not DOT regulated  
**DOT (Vessel)** Not DOT regulated

**15. REGULATORY INFORMATION**

Components	CAS-No	CERCLA/SARA 313	CERCLA/SARA 302
Imidacloprid	138261-41-3	Not Listed	Not Listed

**General Information** Contact local authorities for disposal of large quantities of product

**16. OTHER INFORMATION**

**NFPA:** Health: 1 Flammability: 1 Reactivity: 1  
**HMIS:** Health: 1 Flammability: 1 Reactivity: 1

**Hazard Rating:** 0=Least; 1=Slight; 2=Moderate; 3=High; 4=Severe

**EPA FIFRA Comment:** Use of this product is regulated by the U.S. Environmental Protection Agency (EPA) through the approved product label. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**General comment:** This document contains health, safety, and environmental information useful to emergency response agencies, health care providers, manufacturers, and workers/employees. It does not replace the precautionary language, use directions, or the storage and disposal information found on the product label.

**Additional Information:** 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.