



Safety Data Sheet

Issue Date: no data available

Revision Date: 19-May-2015

Version: 1

1. IDENTIFICATION

Product Identifier:

Product Name: Benefit 60 WP
Product Number(s): E956601

Recommended Use of the Chemical and Restrictions on Use:

Description: Insecticide

Company:

Everris NA Inc.
P.O. Box 3310
Dublin, OH 43016
EPA Registration No.: 42750-153-58185

24-HOUR EMERGENCY TELEPHONE NUMBERS:

CHEMTREC (U.S.): 1-800-424-9300
CHEMTREC (International): 1-703-527-3887
Non-Emergency Calls: 1-800-492-8255

2. HAZARD(S) IDENTIFICATION

This product is regulated by the Environmental Protection Agency (EPA). For label precautionary text, see Section 15.

OSHA Regulatory Status:

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral

Category 4

Label Elements:

Emergency Overview

Warning

Hazard Statements:

Harmful if swallowed



Appearance: powder

Physical State: Solid

Odor:

Uncharacteristic weak odor

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product

Precautionary Statements - Response

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC):**Other Information:**

- Very toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS-No	Weight %	Trade Secret
Imidacloprid	138261-41-3	60	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

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.

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.

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.

Indication of Any Immediate Medical Attention and Special Treatment Needed:**Notes to Physician:**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water spray, carbon dioxide, dry chemical, chemical foam.

Unsuitable extinguishing media:

High volume water jet.

Specific hazards:

Can burn in a fire, releasing irritating and toxic gases due to thermal decomposition or combustion.

Hazardous Combustion Products:

Toxic fumes may be produced.

Explosion Data:**Sensitivity to Mechanical Impact:**

no data available.

Sensitivity to Static Discharge:
no data available.

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, Protective Equipment and Emergency Procedures:

Personal Precautions: Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not ingest. Do not inhale dust/mist. Avoid dust formation.

Environmental Precautions: Avoid subsoil penetration. Do not allow material to contaminate ground water system.

Methods and Material for Containment and Cleanup:

Methods for containment: Clean up promptly by sweeping or vacuum.
Methods for Cleanup: Avoid dust formation. Flush with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

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

Conditions for Safe Storage, Including any Incompatibilities:

Storage: Keep pesticide in original container. Keep container tightly closed when not in use. Protect from excessive heat. Store in a cool, dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Exposure Guidelines:

Ingredients	CAS-No	ACGIH:	OSHA:	IDLH:
Imidacloprid	138261-41-3	Not Listed	Not Listed	Not Listed

Appropriate Engineering Controls:

Engineering Measures to Reduce Exposure: Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

Individual Protection Measures, Such as Personal Protective Equipment:

Eye/Face Protection: Safety glasses with side shields or goggles.

Skin and Body Protection: Long-sleeved shirt and long pants. Shoes plus socks. Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyvinyl chloride (PVC), viton. .

Respiratory Protection: 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.

General hygiene considerations: Discard clothing and other absorbent materials that have been heavily contaminated with this product. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Wash hands before breaks and immediately after handling the product. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. After handling this product, immediately remove PPE. Wash yourself thoroughly and change into clean clothes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties:

Physical State:	Solid	Appearance:	powder
Color:	Off-white	Odor	No information available
Odor:	Uncharacteristic weak odor	Threshold:	

Property	Values	Remarks: • Method
pH:	6.2-7.2	
Melting Point/Freezing Point:	No information available	
Boiling Point/Range:	No information available	
Flash Point:	No information available	
Evaporation Rate:	No information available	
Flammability (solid, gas):	No information available	
Flammability Limits in Air:		
Upper Flammability Limit:	No information available	
Lower Flammability Limit:	No information available	
Vapor Pressure:	5.2x10 ⁻⁶ Pa @ 25°C (Imidacloprid)	
Vapor Density:	No information available	
Specific Gravity:	No information available	
Solubility:	Water Solubility:, dispersible	
Solubility in other Solvents:	No information available	
Partition Coefficient:	log Pow = 0.57 @ 25°C (Imidacloprid)	
Autoignition Temperature:	No information available	
Decomposition Temperature:	No information available	
Kinematic Viscosity:	No information available	
Dynamic Viscosity:	No information available	
Explosive Properties:	No information available	
Oxidizing Properties:	No information available	

Other Information:

Softening Point:	No information available
Molecular Weight:	No information available
VOC Content (%):	No information available
Density:	1.54 - 1.62 g/ml (12.85 - 13.51 lb/gl)
Bulk density:	30-35 lbs/cu.ft.

10. STABILITY AND REACTIVITY

<u>Reactivity:</u>	Non-Reactive
<u>Chemically Stable:</u>	Stable under normal conditions. However, this product may decompose if heated. .
<u>Conditions to Avoid:</u>	Avoid temperatures above 100°F (38°C) for prolonged periods of time. Strong exothermal reaction can occur above 390°F (200°C).
<u>Materials to avoid</u>	None known.

Hazardous Decomposition Products: Hydrogen cyanide, Hydrogen chloride, Carbon monoxide, Nitrogen oxides. .

Possibility of Hazardous Reactions: Poses little or no immediate hazard.

11. TOXICOLOGICAL INFORMATION

Information on the Likely Routes of Exposure (inhalation, ingestion, skin and eye contact):

Eye effects: Mild eye irritation, Rabbit

Skin effects: Non-irritating to the skin, Rabbit

Ingestion: Harmful if swallowed. Ingestion may cause irritation to mucous membranes.

Inhalation: May cause irritation of respiratory tract.

Component Information:

Information on Toxicological Effects:

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure:

Sensitization: No sensitization, Guinea pig

Mutagenic effects: No information available.

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive Toxicity: No information available.

STOT - Single Exposure: No information available.

STOT - Repeated Exposure: No information available.

Aspiration Hazard: No information available.

Numerical Measures of Toxicity - Product Information:

The following values are calculated based on chapter 3.1 of the GHS document: .

ATEmix (oral): 833 mg/kg

LD50/oral: > 4500 mg/kg Rat

LD50/dermal: > 2000 mg/kg Rat

LC50/inhalation: > 5 mg/l (dust) Rat

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Unknown Aquatic Toxicity: 40% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Ecotoxicity effects: Highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Very toxic to aquatic life with long lasting effects.

Persistence and degradability: Inherently biodegradable.

Mobility: Water contaminating.

Additional ecological information: This product is highly toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment or residues on the foliage of blooming crops, plants or weeds. Do not apply this product or allow it to drift to blooming crops, plants or weeds if bees are foraging the treatment area. This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

Disposal of Wastes: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. .

Contaminated Packaging: Do not reuse container. Offer for recycling, if available, or dispose of empty container in a sanitary landfill or by incineration. .

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

Federal Regulations:

SARA 313:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories:

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act):

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA:

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

State Regulations (RTK):**California Proposition 65:****U.S. State Right-to-Know Regulations:****U.S. EPA Label information:****EPA Pesticide Registration Number:**

42750-153-58185

EPA Statement:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA Pesticide label:

KEEP OUT OF REACH OF CHILDREN

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing dust or vapor.

16. OTHER INFORMATION

NFPA: Health: 1 Flammability: 0 Reactivity: 0

HMIS: Health: 1 Flammability: 0 Reactivity: 1

Revision Date: 19-May-2015

Revision Note:

Reason for revision: None

Disclaimer

This information contained herein is, to the best of Everris' 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 Everris 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, Everris 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