



MSDS Number: 00000002130

## LESCO® BANDIT(TM) 75 WSP Insecticide

MSDS Version 1.1

### SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product Name** LESCO® BANDIT(TM) 75 WSP Insecticide  
**Chemical Name**  
**Common Name**  
**MSDS Number** 2130  
**Chemical Family**  
**Chemical Formulation**  
**EPA Registration No.** 432-1318

Bayer Environmental Science  
95 Chestnut Ridge Road  
Montvale, NJ 07645  
USA

For MEDICAL, TRANSPORTATION or Other EMERGENCY call 1-800-334-7577 24 hours/day  
For Product Information call 1-800-331-2867

**Product Use Description** Insecticide for foliar and systemic insect control in turfgrass (including sod farms), landscape ornamentals, fruit and nut trees, and interior landscapes.

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Component Name</u>	<u>CAS No.</u>	<u>Concentration % by Weight</u>	
		<u>Minimum</u>	<u>Maximum</u>
Imidacloprid Technical	138261-41-3	72.7000	77.2000
Sodium Aluminum Silicate	1344-00-9		

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## SECTION 3. HAZARDS IDENTIFICATION

*NOTE: Please refer to Section 11 for detailed toxicological information.*

<b>Emergency Overview</b>	Avoid contact with skin, eyes and clothing. Avoid breathing dust or vapor. Causes eye irritation. Caution! Harmful if swallowed, inhaled or absorbed through the skin. Hazard to humans and domestic animals. Keep children and pets off treated area until spray is dry.
<b>Physical State</b>	Solid Powder
<b>Odor</b>	None
<b>Appearance</b>	Light brown
<b>Immediate Effects</b>	
<b>Eye</b>	Avoid contact with the eyes. Causes eye irritation.
<b>Skin</b>	Avoid contact with skin, eyes and clothing. Harmful if absorbed through skin.
<b>Ingestion</b>	Harmful if swallowed.
<b>Inhalation</b>	Avoid breathing dust or spray mist. Harmful if inhaled.

## SECTION 4. FIRST AID MEASURES

<b>General</b>	Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of poisoning, call the Medical Emergency Telephone Number on page 1.
<b>Eye</b>	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.
<b>Skin</b>	Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a poison control center or doctor for treatment advice.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Have person sip a glass of water if able to swallow. Call a poison control center or doctor immediately for treatment advice.
<b>Notes to physician</b>	
<b>Treatment</b>	Treat symptomatically. There is no antidote.

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## SECTION 5. FIRE FIGHTING MEASURES

<b>Flash Point</b>	Not applicable
<b>Suitable Extinguishing Media</b>	Water, Carbon dioxide (CO2), Foam, Dry chemical
<b>Fire Fighting Instructions</b>	In the event of fire, wear self-contained breathing apparatus. Dike area to prevent runoff and contamination of water sources. Keep out of smoke. Fight fire from upwind position. Equipment or materials involved in pesticide fires may become contaminated. Cool closed containers exposed to fire with water spray.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

<b>General and Disposal</b>	Use proper protective equipment to minimize personal exposure (see Section 8). Sweep up spilled material. Place in a container for disposal.
<b>Land Spill or Leaks</b>	Avoid dust formation. Do not breathe dust. Avoid contact with spilled product or contaminated surfaces. Isolate area and keep unauthorized people away. Avoid breathing vapors and avoid skin contact.  Rinse with water. Use dry absorbent material such as clay granules to absorb and collect wash solution for proper disposal. Contaminated soil may have to be removed and disposed. Do not allow material to enter streams, sewers, or other waterways. Scrub contaminated area with soap and water.

## SECTION 7. HANDLING AND STORAGE

<b>Storing Procedures</b>	Keep away from food, drink and animal feedingstuffs. Store in an area designated specifically for pesticides. Store in cool place.
<b>Min/Max Storage Temperatures</b>	Do not transport or store below 0 °C / 32 °F

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls** Use with local exhaust ventilation. Where engineering controls are indicated by use conditions of a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: When handlers used closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [(40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.
- Eye/Face Protection** Tightly fitting safety goggles.
- Hand Protection** Chemical resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride.
- Body Protection** Long-sleeved shirt and long pants. Shoes plus socks.
- Respiratory Protection** When respiratory protection is necessary under the conditions of use, wear a respirator approved for pesticides by the National Institute for Occupational Safety and Health (NIOSH). No personal respiratory protective equipment normally required.
- General Protection** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Educate and train employees in safe use of the product. Follow all label instructions. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water.
- Exposure Limits**

Sodium Aluminum Silicate	1344-00-9	ACGIH	TWA	2 mg/m3
		Expressed as	as Al	
		NIOSH	REL	2 mg/m3
		Expressed as	as Al	
		OSHA Z1A	TWA	2 mg/m3
		Expressed as	as Al	

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** Light brown
- Physical State** Solid  
Powder

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<b>Odor</b>	None
<b>pH</b>	7 Determined as a 1% suspension in distilled water.
<b>Bulk Density</b>	30 lbs/cu.-ft.
<b>Solubility (in water)</b>	Dispersible

### SECTION 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid</b>	None known.
<b>Hazardous Products of Decomposition</b>	Hydrogen chloride (HCl) Proposed compounds due to fire or other extreme conditions: Hydrogen cyanide (hydrocyanic acid) Carbon monoxide Nitrogen oxides (NOx)

### SECTION 11. TOXICOLOGICAL INFORMATION

Only acute toxicity studies have been conducted on this product as formulated. The non-acute information pertains to the active ingredient, imidacloprid.

<b>Acute Oral Toxicity</b>	Male Rat: LD50: 2,591 mg/kg Female Rat: LD50: 1,858 mg/kg
<b>Acute Dermal Toxicity</b>	Male/Female Rat: LD50: > 2,000 mg/kg
<b>Acute Inhalation Toxicity</b>	Male Rat: LC50: 4-hr exposure to liquid aerosol: 2.65 mg/l (actual) Female Rat: LC50: 4-hr exposure to liquid aerosol: 2.75 mg/l (actual) Male Rat: 1-hr exposure to liquid aerosol (extrapolated from 4-hr LC50): 10.6 mg/l (actual) Female Rat: 1-hr exposure to liquid aerosol (extrapolated from 4-hr LC50): 11.0 mg/l (actual)
<b>Skin Irritation</b>	Rabbit: slight irritation
<b>Eye Irritation</b>	Rabbit: Mild eye irritation
<b>Sensitization</b>	Guinea pig: non-sensitizing
<b>Sub-Chronic Toxicity</b>	In a 3-week dermal toxicity study, rabbits treated with imidacloprid showed no

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local or systemic effects at levels up to and including 1000 mg/Kg, the limit dose. In a 4-week inhalation study, rats exposed to high concentrations of imidacloprid exhibited decreased body weight gains and changes in clinical chemistries and organ weights.

**Chronic Toxicity** In chronic dietary studies in rats and dogs exposed to imidacloprid, the target organs were the thyroid and/or liver.

### Assessment Carcinogenicity

In oncongenicity studies in rats and mice, imidacloprid was not considered carcinogenic in either species.

**ACGIH**

None

**NTP**

None

**IARC**

None

**OSHA**

None

### Reproductive & Developmental Toxicity

**REPRODUCTIVE:** In a two-generation reproduction study in rats, imidacloprid was not a primary reproductive toxicant. Offspring exhibited reduced body weights at the high dose and in conjunction with material toxicity.

**DEVELOPMENTAL:** In developmental toxicity studies in rats and rabbits, there was no evidence of an embryonic or teratogenic potential for imidacloprid. In both species, developmental effects were observed only at high doses and in conjunction with maternal toxicity.

### Neurotoxicity

In acute and subchronic neurotoxicity screening studies in rats, imidacloprid produced slight neurobehavioral effects in each study at the highest dose tested. There were no correlating morphological changes observed in the neural tissues.

### Mutagenicity

The imidacloprid mutagenicity studies, taken collectively, demonstrate that the active ingredient is not genotoxic or mutagenic.

## SECTION 12. ECOLOGICAL INFORMATION

### Environmental Precautions

Highly toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.

This product is highly toxic to bees exposed to direct treatment of residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Do not allow material to contaminate ground water system.

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## SECTION 13. DISPOSAL CONSIDERATIONS

<b>General Disposal Guidance</b>	Follow container label instructions for disposal of wastes generated during use in compliance with the product label. In other situations, bury in an approved landfill or burn in an incinerator approved for pesticide destruction.  Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Pesticide Disposal:
<b>Container Disposal</b>	Empty remaining contents. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If burned, stay out of smoke. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning.
<b>RCRA Classification</b>	Not Regulated under this Statute

## SECTION 14. TRANSPORT INFORMATION

**DOT CLASSIFICATION:**  
Not regulated for Domestic Surface Transportation

**FREIGHT CLASSIFICATION:**  
Insecticides or Fungicides, N.O.I., other than poison

## SECTION 15. REGULATORY INFORMATION

**EPA Registration No.** 432-1318

### US Federal Regulations

**TSCA list**

None

**TSCA 12b export notification**

None

**SARA Title III - section 302 - notification and information**

None

**SARA Title III - section 313 - toxic chemical release reporting**

None

### US States Regulatory Reporting

**CA Prop65**

This product does not contain any substances known to the State of California to cause cancer.

This product does not contain any substances known to the State of California to cause reproductive harm.

### US State right-to-know ingredients

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None

### Canadian Regulations

#### Canadian Domestic Substance List

None

### Environmental

#### CERCLA

None

#### Clean Water Section 307 Priority Pollutants

None

#### Safe Drinking Water Act Maximum Contaminant Levels

None

### International Regulations

#### EU Classification

None

#### European Inventory of Existing Commercial Substances (EINECS)

None

## SECTION 16. OTHER INFORMATION

NFPA	Health	Flammability	Reactivity	Others
	1	1	1	0

MSDS REVISION INDICATOR: Section 1, New Product Name.

Approval Date: 04/27/2004

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