



# Material Safety Data Sheet

United Phosphorus, Inc.

NFPA	PPE		

Issued Date 14-Nov-2007

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Revision Number: 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

### UPI

630 Freedom Business Center  
Suite 402  
King of Prussia, PA 19406

### Emergency Telephone Number

Chemtrec: (800) 424-9300 (24hrs) or (703) 527-3887  
Medical: Rocky Mountain Poison Control Center  
(866) 673-6671 (24hrs)

### Company Information

UPI

### Contact Information

Customer Service  
R&D Technical Service

### Phone Number

1-800-438-6071  
610-878-6100

### Available Hrs

8:00 am to 5:00 pm EST  
8:00 am - 5:00 pm (EST)

### Product Name

ImiBloc 70 DF Termiticide/Insecticide

### EPA Reg #

70506-158

### Recommended Use

insecticide

### Product Code

12U-164

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

May cause irritation of respiratory tract  
Harmful if swallowed

### WARNING!

**Appearance** Light, Beige, to, Tan.

**Physical State** Powder.

**Odor** Characteristic. Odor.

### Potential Health Effects

#### Acute Effects

Inhalation of dusts may cause respiratory irritation. Skin contact may cause irritation and possible rash.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients Name**

Chemical Name	CAS-No	Weight %	OSHA PEL
Imidachloprid	138261-41-3	71.44	N/A

### 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 5 minutes, then continue rinsing eye.  
Call a poison control center or doctor for treatment advice.

**Skin Contact**

Rinse skin immediately with plenty of water for 15-20 minutes.  
If symptoms persist, call a physician

**Inhalation**

Move person to fresh air.  
If person is not breathing, call 911 or an ambulance, then give artificial respiration.  
Call a physician or Poison Control Centre immediately

**Ingestion**

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  
Call a physician or Poison Control Center immediately  
Never give anything by mouth to an unconscious person

**Notes to Physician**

Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

**Flammable Explosive Properties****Flash Point**

Not available

**Autoignition Temperature**

Not available

**Flammability Limits in Air**

Not available

**Extinguishing Media**

Foam Carbon dioxide (CO2) Dry chemical

**Fire/Explosion Hazard**

This is a powder; therefore there is an increased risk of dust and dust production. Handle with consideration of dust hazards such as dust accumulation and associated fire/explosion hazards.

Dust clouds generated during handling and/or storage can form explosive mixtures with air. Dust explosion characteristics vary with the particle size, particle shape, moisture content, contaminants, and other variables.

As with any dry material, pouring this material or allowing it to free fall or be conveyed through chutes or pipes can accumulate and generate electrostatic sparks, potentially causing ignition of the material itself, or any flammable materials which may come into contact with the material or its container. Check that all equipment is properly grounded and installed to satisfy electrical classification requirements. .

## Instability 0

## 6. ACCIDENTAL RELEASE MEASURES

Avoid contact with the skin and the eyes. Avoid dust formation. Use personal protective equipment.

Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.. Keep material out of lakes, streams, ponds and sewer drains. Dike to confine spill and absorb with an absorbant such as clay, sand or soil. .

Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

Avoid dust formation. Keep out of reach of children.

Store in original container. . Store in cool/well-ventilated place.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Guidelines</b>	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
<b>Engineering Controls</b>	Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems. .
<b>Personal Protective Equipment</b>	
<b>Eye/face Protection</b>	Avoid contact with eyes. Where there is potential for eye contact have eye flushing equipment available.. Use eye protection to avoid eye contact. .
<b>Skin Protection</b>	Wear protective gloves/clothing.
<b>Respiratory Protection</b>	Where airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus. Respiratory protection programs must comply with 29 CFR 1910.134. .

### General Hygiene Considerations

Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Light Beige to Tan	<b>Odor</b>	Characteristic Odor
<b>Physical State</b>	Powder	<b>pH</b>	6.88
<b>Boiling Point/Range</b>	Not available	<b>Melting Point/Range</b>	144°C
<b>Specific Gravity</b>	0.605 g/l	<b>Solubility</b>	0.61 g/L @20C
<b>Evaporation Rate</b>	Not available	<b>Vapor Pressure</b>	Not available
<b>Vapor Density</b>	Not available	<b>VOC Content</b>	Not available
<b>Viscosity</b>	Not available	<b>Molecular Weight</b>	No data available
<b>Bulk Density</b>	No data available	<b>Percent Solids</b>	Not available
<b>Percent Volatiles</b>	Not available		

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions
<b>Conditions to Avoid</b>	Avoid dust formation.
<b>Incompatible Materials</b>	No materials to be especially mentioned
<b>Hazardous Decomposition Products</b>	Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide. Nitrogen oxides (NO <sub>x</sub> ).
<b>Possibility of Hazardous Polymerization</b>	Hazardous polymerisation does not occur

## 11. TOXICOLOGICAL INFORMATION

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### Acute Toxicity

#### Product Information

Imidachloprid 70 -  
Acute oral LD50 (rat) = 981 mg/kg  
Acute dermal LD50 (rat) = >5,000 mg/kg  
Acute Inhalation LC50 (rat) = >2.919 mg/l (4 hr)  
Eye irritation (rabbit) = Not an irritant  
Skin irritation (rabbit) = Not an irritant  
Sensitization (guinea pig) = weak sensitizer

### Chronic Toxicity

#### Carcinogenicity

Imidacloprid (A.I.) was not considered carcinogenic in rats or mice in oncogenicity studies. Reproduction studies indicated that Imidacloprid is not a reproductive toxicant. Mutagenicity studies noted no mutagenic or genotoxic effects in in vitro and in vivo tests.

Developmental effects were observed at doses that caused material toxicity in rats and rabbits. It is not considered a primary developmental toxicant.

Imidacloprid neurotoxicity tests showed slight behavioral and activity changes only at the highest dose in rats. Neural tissues showed no correlating morphological changes. .

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Harmful to bees.

## 13. DISPOSAL CONSIDERATIONS

#### Waste Disposal Method

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If the wastes cannot be disposed of by use or 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

Empty containers should be taken for local recycling, recovery or waste disposal

## 14. TRANSPORT INFORMATION

#### DOT

Not regulated

#### ICAO

Not regulated

#### IATA

Not regulated

#### IMDG/IMO

Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

Imidachloprid

**CHINA**

Listed

USA

### 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 40n of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazardous Categorization**

**Chronic Health Hazard**

No

**Acute Health Hazard**

Yes

**Fire Hazard**

No

**Sudden Release of Pressure Hazard**

No

**Reactive Hazard**

No

### Clean Water Act

#### **Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any HAPs.

CERCLA

RCRA

### Pesticide Information

### State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**State Right-to-Know**

### **International Regulations**

**Mexico - Grade**

Not available

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

#### **WHMIS Hazard Class**

Not determined

16. OTHER INFORMATION
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**Revision Date** 17-Feb-2010

**Revision Summary**

Recurrent confirmation/update of data

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**End of MSDS**