



## DELTADUST Insecticide

MSDS Version 2.4

### SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product Name** DELTADUST Insecticide  
**Chemical Name**  
**Synonym**  
**MSDS Number** 52  
**Chemical Family** Mixture  
**Chemical Formulation** Mixture  
**EPA Registration No.** 432-772  
**Canadian Registrat. No.**

Bayer Environmental Science  
 2 T.W. Alexander Drive  
 Research Triangle PK, NC 27709  
 USA

For Product Use Information: (800)331-2867 Monday through Friday(CRLF) 8:00AM-4:30PM(CRLF) For Medical Emergency contact DART: (800) 334-7577 24 Hours/Day(CRLF) For Transportation Emergency CHEMTREC: (800) 424-9300 24 Hours/Day

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component Name</u>	<u>CAS No.</u>	<u>Concentration % by Weight</u>	
		<u>Minimum</u>	<u>Maximum</u>
Deltamethrin	52918-63-5	0.0500	
Crystalline Silica (Quartz)	14808-60-7	3.0000	

### SECTION 3. HAZARDS IDENTIFICATION

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

**Emergency Overview** Caution! Keep out of the reach of children. Hazards to humans and domestic animals. May be harmful if absorbed through skin. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling. This product is extremely toxic to fish and aquatic invertebrates.

**Physical State** Solid powder  
**Odor** Very faint indeterminate to chalk-like odor  
**Appearance** White

# Material Safety Data Sheet

MSDS Number: 000000000052  
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<b>Routes of Exposure</b>	Skin contact.
<b>Immediate Effects</b>	
<b>Eye</b>	Non-irritating.
<b>Skin</b>	May be harmful if absorbed through skin. May cause a transient, localized parasthesia, characterized by tingling, burning or numbness sensation in some individuals.
<b>Chronic or Delayed Long-Term</b>	No known chronic effects.

### SECTION 4. FIRST AID MEASURES

<b>Skin</b>	Wash with plenty of soap and water. Get medical attention immediately if irritation persists. Cold cream or a moisturizing cream has been successful in diminishing the sensations associated with localized paresthesia.
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### SECTION 5. FIRE FIGHTING MEASURES

<b>Flash Point</b>	Not applicable
<b>Suitable Extinguishing Media</b>	Carbon dioxide (CO2), Dry chemical, Foam, Water
<b>Fire Fighting Instructions</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved (or equivalent) and full protective gear.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

<b>General and Disposal</b>	Sweep up or shovel into approved waste disposal container. Dispose of with chemical waste.
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### SECTION 7. HANDLING AND STORAGE

<b>Handling Procedures</b>	Avoid contact with skin, eyes and clothing.
<b>Storing Procedures</b>	Do not contaminate water, food, or feed by storage or disposal.  Store in original container. Keep in a locked storage area. Keep in a dry, cool place. Keep out of the reach of children.
<b>Work/Hygienic Procedures</b>	Wash thoroughly with soap and water after handling.

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eye/Face Protection** Safety glasses or Goggles

**Body Protection** Chemical-resistant gloves (Neoprene, Nitrile, PVC)

#### Exposure Limits

Crystalline Silica (Quartz)	14808-60-7	NIOSH	REL		0.05 mg/m3
		Form of Exposure	Respirable dust.		
		OSHA Z1A	TWA		0.1 mg/m3
		Form of Exposure	Respirable dust.		
		US CA OEL	TWA PEL		0.1 mg/m3
		Form of Exposure	Respirable dust.		
		US CA OEL	TWA PEL		0.3 mg/m3
		Form of Exposure	Total dust.		
		ACGIH	TWA		0.05 mg/m3

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** White

**Physical State** Solid powder

**Odor** Very faint indeterminate to chalk-like odor

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Density 55.5 lbs/ft<sup>3</sup> (fluffed)  
105.4 lbs/ft<sup>3</sup> (compacted)

### SECTION 10. STABILITY AND REACTIVITY

Chemical Stability Stable  
Hazardous Polymerization Will not occur  
(Conditions to avoid)

### SECTION 11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity LD50: > 5,050 mg/kg  
Acute Dermal Toxicity LD50: > 5,050 mg/kg  
Acute Inhalation Toxicity LC50: > 26.1 mg/l 4 h  
LC50: > 100 mg/l 1 h  
Skin Irritation Slightly irritating  
Eye Irritation Non-irritating.  
Sensitization Negative

#### Assessment Carcinogenicity

##### ACGIH

Crystalline Silica (Quartz) 14808-60-7 Group A2

##### NTP

Crystalline Silica (Quartz) 14808-60-7

##### IARC

Deltamethrin 52918-63-5 3

##### OSHA

None

### SECTION 12. ECOLOGICAL INFORMATION

**Environmental Precautions** This product is extremely toxic to fish and 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. Use with care when applying in areas adjacent to any body of water. Do not contaminate water when disposing of equipment washwaters.

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### SECTION 13. DISPOSAL CONSIDERATIONS

<b>General Disposal Guidance</b>	Pesticide Disposal: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.
<b>Container Disposal</b>	Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.  For Homeowners: Do not reuse empty container. Wrap container in several layers of newspaper and discard in trash.
<b>RCRA Classification</b>	Not Regulated under this Statute

### SECTION 14. TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not DOT Regulated

### SECTION 15. REGULATORY INFORMATION

#### US Federal Regulations

<b>EPA Registration No.</b>	432-772
<b>TSCA list</b>	
Crystalline Silica (Quartz)	14808-60-7
<b>TSCA 12b export notification</b>	
None	
<b>SARA Title III - section 302 - notification and information</b>	
None	
<b>SARA Title III - section 313 - toxic chemical release reporting</b>	
None	

#### US States Regulatory Reporting

##### CA Prop65

This product contains a chemical known to the state of California to cause cancer.	Crystalline Silica (Quartz)	14808-60-7
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##### US State right-to-know ingredients

Crystalline Silica (Quartz)	14808-60-7	IL, MA, MN, PA
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#### Canadian Regulations

##### Canadian Registrat. No.

##### Canadian Domestic Substance List

Crystalline Silica (Quartz)	14808-60-7
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### Environmental

#### CERCLA

None

#### Clean Water Section 307 Priority Pollutants

None

#### Safe Drinking Water Act Maximum Contaminant Levels

None

### International Regulations

#### EU Classification

Deltamethrin

52918-63-5

Toxic Dangerous for the environment

R Phrases

Also toxic by inhalation and if swallowed. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S Phrases

Keep locked up and out of the reach of children. Avoid contact with the skin. After contact with skin, wash immediately with plenty of water. Wear suitable protective clothing, gloves and eye/face protection. In case of insufficient ventilation, wear suitable respiratory equipment. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible). This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Refer to special instructions/safety data sheets.

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

Deltamethrin

52918-63-5

Crystalline Silica (Quartz)

14808-60-7

## SECTION 16. OTHER INFORMATION

NFPA	Health	Flammability	Reactivity	Others
	1	0	0	A

Reason for revision:

Update name to match label; change components; remove HMIS ratings.

Print Date: 09/15/2003

Supersedes MSDS, which is older than: 09/15/2003

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