



DELTADUST

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

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

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

For Product Use Information: (800)331-2867 Monday through Friday
 8:00AM-4:30PM
 For Medical Emergency contact DART: (800) 334-7577 24 Hours/Day
 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	
QUARTZ	14808-60-7	>= 3.0000	
Inert ingredients		>= 96.9500	

Material Safety Data Sheet

DELTADUST

MSDS Number: 000000000052
MSDS Version 2.3

SECTION 3. HAZARDS IDENTIFICATION

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

Emergency Overview

Caution. Keep out of the reach of children. Hazard 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

Routes of Exposure

Skin contact.

Immediate Effects

Eye

Non-irritating.

Skin

May be harmful if absorbed through skin. May cause a transient, localized parasthesia, characterized by tingling, burning or numbness sensation in some individuals.

Chronic or Delayed Long-Term

No known chronic effects.

SECTION 4. FIRST AID MEASURES

Skin

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.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point

Not applicable

Suitable Extinguishing Media

carbon dioxide (CO₂), dry chemical, foam, water

Fire Fighting Instructions

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

General and Disposal

Sweep up or shovel into approved waste disposal container. Dispose of with chemical waste.

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SECTION 7. HANDLING AND STORAGE

Handling Procedures	Avoid contact with skin, eyes and clothing.
Storing Procedures	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 reach of children.
Work/Hygienic Procedures	Wash thoroughly with soap and water after handling.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection	safety glasses or goggles				
Body Protection	Chemical-resistant gloves (Neoprene, Nitrile, PVC)				
Exposure Limits					
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/ft³ (fluffed)
105.4 lbs/ft³ (compacted)

SECTION 10. STABILITY AND REACTIVITY

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

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

QUARTZ

14808-60-7

Group A2

NTP

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

General Disposal Guidance	Pesticide Disposal: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.
Container Disposal	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.
RCRA Classification	Not Regulated under this Statute

SECTION 14. TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not DOT Regulated

SECTION 15. REGULATORY INFORMATION

US Federal

EPA Registration No.	432-772
TSCA list	
QUARTZ	14808-60-7
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

CA Prop65

This product contains a chemical known to the state of California to cause cancer. QUARTZ 14808-60-7

US State right-to-know ingredients

QUARTZ 14808-60-7 IL, MA, MN, PA

Canadian Regulations

Canadian Registrat. No.	
Canadian Domestic Substance List	
QUARTZ	14808-60-7

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DELTADUST

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

QUARTZ

14808-60-7

SECTION 16. OTHER INFORMATION

	Health	Flammability	Reactivity	Others
HMIS	1	0	0	
NFPA	1	0	0	A

REVISED SECTIONS:

MSDS REVISION INDICATOR: Company name change.

Print Date: 12/04/2002

Supersedes MSDS, which is older than: 12/04/2002

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