



Material Safety Data Sheet

MSDS Number: 52
MSDS Version 2.0

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.

Aventis
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

SECTION 3. HAZARDS IDENTIFICATION

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

Emergency Overview Health: May be harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.
Environmental: This product is extremely toxic to fish and aquatic invertebrates.

Physical State solid

Odor Very faint indeterminate to chalk-like odor

Appearance White powder

Routes of Exposure Skin contact

Immediate Effects

Eye Non-irritating

Skin May be harmful if absorbed. May cause a transient, localized paresthesia,

Material Safety Data Sheet

MSDS Number: 52
MSDS Version 2.0

DELTADUST

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 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 NA

Suitable Extinguishing Media Carbon dioxide, dry chemical, foam or 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.

SECTION 7. HANDLING AND STORAGE

Handling Procedures Avoid contact with skin, eyes, or clothing.

Storing Procedures Store product in original container in a cool, dry, locked place out 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.

Exposure Limits

QUARTZ	14808-60-7	ACGIH	TWA	0.05 mg/m3
		NIOSH	REL	0.05 mg/m3
		Form of Exposure	Respirable dust.	
		OSHA Z1A	TWA	0.1 mg/m3
		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.	

Material Safety Data Sheet

MSDS Number: 52
MSDS Version 2.0

DELTADUST

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White powder
Physical State	solid
Odor	Very faint indeterminate to chalk-like odor
Density	55.5 lbs/ft ³ (fluffed) 105.4 lbs/ft ³ (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 Inhalation Toxicity	4-Hour LC50 > 26.1 mg/L 1-Hour equivalent LC50 > 100 mg/L
Skin Irritation	Irritation: Slightly irritating Absorption: LD50 > 5,050 mg/kg
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	
QUARTZ	14808-60-7	
OSHA		
None		

Material Safety Data Sheet

MSDS Number: 52
MSDS Version 2.0

DELTADUST

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 washwater.

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

Completely empty container into application equipment, then dispose of container in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke.

Containers One Gallon and Smaller: Do not reuse empty containers. Wrap in several layers of newspaper and discard in trash.

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

This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

None

US State right-to-know ingredients

QUARTZ 14808-60-7 IL, MA, PA

Canadian Regulations

Canadian Registrat. No.

Material Safety Data Sheet

MSDS Number: 52
MSDS Version 2.0

DELTADUST

Canadian Domestic Substance List

QUARTZ

14808-60-7

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)

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: Changes made to Section 2 - Composition/Information on Ingredient, Section 8 - Exposure Controls/Personal Protection, Section 11 - Toxicological Information, and Section 15 - Regulatory Information, to include information relate to Silica - Crystalline Quartz (CAS No. 14808-60-7).

PREPARED BY: Regulatory Department

PHONE: 800-438-5837

SUPERCEDES MSDS DATED: 08/17/2000

Print Date: 09/11/2001

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