

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

AgrEvo Environmental Health
95 Chestnut Ridge Road
Montvale, NJ 07645

COMPANY CONTACT: Regulatory Dept.
TELEPHONE NUMBER: (800)438-5837

EMERGENCY TELEPHONE NUMBER: (800)471-0660

PRODUCT NAME: Suspend SC Insecticide
PRODUCT CODE: B360009
CHEMICAL FAMILY: Mixture
CHEMICAL FORMULA: Mixture
EPA REGISTRY NUMBER: 432-763
MSDS IDENTIFICATION CODE/NUMBER: B360009

Suspend is a registered trademark of AgrEvo Environmental Health, Inc.

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Deltamethrin
CAS NUMBER: 52918-63-5
CONCENTRATION PERCENT BY WEIGHT: = 4.75
EXPOSURE LIMITS: None established

INGREDIENT: Inert ingredients
PERCENT BY WEIGHT: = 95.25
EXPOSURE LIMITS: None established

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

A white, odorless liquid that:

- Is harmful if inhaled.
- May result in transient tingling and reddening of the skin upon contact.
- Is extremely toxic to fresh water and estuarine fish and invertebrates.

POTENTIAL HEALTH EFFECTS**PRIMARY ROUTE(S) OF ENTRY**

Inhalation

EYES

May cause slight irritation.

SKIN

Contact with product may result in transient tingling and reddening of the skin.

INHALATION

Harmful if inhaled.

SIGNS AND SYMPTOMS

Acute overexposure may result in respiratory irritation and transient paresthesia. Chronic overexposure produced pale kidneys and discoloration of the lungs in rats.

4. FIRST AID MEASURES**INHALATION**

Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

5. FIRE FIGHTING MEASURES**FLAMMABLE PROPERTIES**

FLASH POINT: > 200 F > 93 C

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.

6. ACCIDENTAL RELEASE MEASURES

Soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

7. HANDLING AND STORAGE**HANDLING PRECAUTIONS**

Avoid breathing vapor or spray mist.

STORAGE PRECAUTIONS

Do not store diluted material. Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers.

WORK/HYGIENIC PRACTICES

Wash after handling. Remove contaminated clothing and wash before reuse.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**EYE/FACE PROTECTION**

Safety glasses or goggles.

SKIN PROTECTION

Impervious gloves.

OTHER/GENERAL PROTECTION

Long-sleeved shirt and pants to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE**

White liquid

ODOR

Odorless

BASIC PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid

SPECIFIC GRAVITY: 1.05 @ 20°C

SOLUBILITY (H₂O): Suspends

pH: 6.6 in suspension

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY)

Keep away from sources of ignition.

INCOMPATIBLE MATERIALS

Strong oxidizing and reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition products might include carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION**EYE EFFECTS**

Very slightly irritating (rabbit)

SKIN EFFECTS

Irritation (rabbit): Slightly irritating
Absorption (rabbit): LD50 > 10,000 mg/kg
Sensitization (guinea pig): Negative

ACUTE ORAL EFFECTS

LD50 (rat) > 15,000 mg/kg

ACUTE INHALATION EFFECTS

4-Hour LC50 (rat) > 1.02 mg/L
1-Hour equivalent LC50 > 4.08 mg/L (for DOT purposes)

CHRONIC (CANCER INFORMATION)

Deltamethrin technical is not carcinogenic based on animal studies.

CARCINOGENICITY: NTP: No IARC: No OSHA: No

TERATOGENICITY (BIRTH DEFECTS)

Deltamethrin is not considered to be teratogenic based on animal studies.

REPRODUCTIVE EFFECTS

Deltamethrin is not considered to be a reproductive toxin based on animal studies.

12. ECOLOGICAL INFORMATION**OTHER ENVIRONMENTAL INFORMATION**

This product is extremely toxic to fresh water and estuarine fish and 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.

13. DISPOSAL CONSIDERATIONS

Pesticide Disposal: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal Less than One Gallon: Securely wrap container in several layers of newspaper and discard in trash.

Container Disposal for Non-Refillable Container: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Container Disposal for Refillable Containers: Replace the dry disconnect cap if applicable, and seal all openings which have been opened during use. Return empty container to a collection site designated by AgrEvo Environmental Health. If container has been damaged and cannot be returned according to the recommended procedures, contact AgrEvo Health Environmental Customer Service Center at (800) 843-1702 to obtain proper handling instructions.

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME: Not DOT Regulated

15. REGULATORY INFORMATION**U.S. FEDERAL REGULATORY INFORMATION**

California - There are no ingredients in this product listed on Prop. 65

16. OTHER INFORMATION**HMIS HAZARD RATING**

- HEALTH:	1 Slight
- FIRE:	1 Slight
- REACTIVITY:	0 Negligible
- PROTECTION:	B

NFPA HAZARD RATING

- HEALTH:	1 Slight
- FIRE:	1 Slight
- REACTIVITY:	0 Negligible
- SPECIAL:	-

MSDS IDENTIFICATION CODE/NUMBER: B360009

PREPARED BY: Regulatory Department

PHONE: (800)438-5837

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