



AgrEvo™

Plant - m

Material Safety Data Sheet

A company of Hoechst and Schering, Berlin

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SUSPEND® SC INSECTICIDE

SECTION 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)477-0660

PRODUCT NAME: **SUSPEND® SC INSECTICIDE**
CHEMICAL FAMILY: *Mixture*
CHEMICAL FORMULA: *Mixture*
EPA REGISTRY NUMBER: 432-763
MSDS IDENTIFICATION CODE/NUMBER: 432763

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

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EXPOSURE LIMITS	CONCENTRATION PERCENT BY WEIGHT
Deltamethrin CAS NUMBER: 52918-63-5	None established	= 4.75
Inert ingredients	None established	= 95.25

SECTION 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.

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SECTION 4. FIRST AID MEASURES

INHALATION

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

SECTION 5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: $> 200^{\circ}\text{F}$ $> 93^{\circ}\text{C}$

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.

SECTION 6. ACCIDENTAL RELEASE MEASURES

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

SECTION 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.

SECTION 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.

SECTION 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

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SECTION 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.*

SECTION 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.

SECTION 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.

SECTION 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*

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SECTION 13. DISPOSAL CONSIDERATIONS - Continued

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) 743-1702 to obtain proper handling instructions.

SECTION 14. TRANSPORT INFORMATION

PROPER SHIPPING NAME: *Not DOT Regulated*

SECTION 15. REGULATORY INFORMATION

U.S. FEDERAL REGULATORY INFORMATION

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

SECTION 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: 432763

PREPARED BY: *Regulatory Department* PHONE: (800)438-5837

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