

MATERIAL SAFETY DATA SHEET

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CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

NAME: **PERMITH**

PRODUCT CODE: **26575**

SPACE SPRAY AND FOGGING SYNTHETIC PYRETHROID INSECTICIDE

E.P.A. REG. NO.: 11474-67

E.P.A. EST. NO.: 11474-CA01

USDA F-1 RATED

MANUFACTURER: *Sungro Chemicals, Inc. P.O.Box 24632 Los Angeles, CA 90024*
(213)747-4125 (800)463-9179 FAX: (213)747-0942

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COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL	CAS#	OSHA PEL	ACGIH TLV	OTHER	%(optional)
Permethrin	52645-53-1	N/E	N/E	N/E	0.5

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HAZARDS IDENTIFICATION

***** EMERGENCY OVERVIEW *****

HEALTH: Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin or eyes. Do not contaminate water, food or feed by storage or disposal.

ENVIRONMENTAL: This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes or estuaries. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

POTENTIAL HEALTH EFFECTS

PRIMARY ROUTE(S) OF ENTRY - Oral, Ingestion, skin and eye contact.

EYES - Non irritating.

SKIN - Slight to moderate irritation

INGESTION - Harmful if swallowed

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FIRST AID MEASURES

EYES: - Flush with water for 10-15 minutes. Contact a physician if irritation persists.

SKIN:- Remove contaminated clothing. Wash skin with soap and water. Contact a physician if irritation persists.

INGESTION: - Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

INHALATION: - Remove affected person to fresh air. Apply artificial respiration if indicated.

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FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: FLASH POINT: >200° F (TCC) FLAMMABLE LIMITS: N/E

EXTINGUISHING MEDIA - Foam, Carbon Dioxide, Dry Chemical and Water Fog.

FIRE FIGHTING INSTRUCTIONS - Use self-contained breathing apparatus pressure demand, MSHA/NIOSH approved (or equivalent) and full protective gear. Cool fire-exposed areas and equipment.

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ACCIDENTAL RELEASE MEASURES

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

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HANDLING AND STORAGE

HANDLING PRECAUTIONS: Avoid breathing vapors or spray mist. Avoid contact with skin and eyes. Do not contaminate water, food or feed by storage or disposal. Do not apply directly to food. Cover or remove food and food processing equipment before application. Do not apply while food processing is underway. After spraying in food processing plants, wash all equipment thoroughly with soap and hot water. All food processing surfaces should be covered during treatment or washed before use. Do not allow children in treated areas until surfaces are dry. Remove pets, birds, and cover fish aquaria before spraying.

STORAGE PRECAUTIONS: Store upright at room temperature. Avoid exposure to extreme temperatures.

Containers Smaller Than One Gallon: Store in original container in a cool dry place inaccessible to children and pets.

WORK/HYGIENIC PRACTICES: Wash hands, arms and face with soap and water after handling and before eating or smoking. Wash contaminated clothing with soap and hot water before reuse.

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EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE/ FACE PROTECTION: Safety Glasses or Goggles

SKIN PROTECTION: Rubber or impervious gloves.

RESPIRATORY PROTECTION: Use in well ventilated areas. Pesticide dust/mist style respirator jointly approved by MENSA or OSHA under provisions of 30 CFR 11.

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PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Thin, off-white liquid **ODOR:** Very Mild

BASIC PHYSICAL PROPERTIES

VAPOR PRESSURE: N/E VAPOR DENSITY: N/E SPECIFIC GRAVITY: 0.995 LBS / GAL: 8.3
EVAPORATION RATE: N/E SOLUBILITY IN WATER: Miscible Percent Volatile: <1.0% Boiling Point: N/E

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STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): None

INCOMPATIBLE MATERIALS: Strong oxidizing Agents

HAZARDOUS DECOMPOSITION PRODUCTS: None Known

HAZARDOUS POLYMERIZATION: Will Not Occur

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TOXICOLOGICAL INFORMATION

EYE EFFECTS: None irritating

SKIN EFFECTS: Acute Dermal LD₅₀: >5050 mg/kg.

ACUTE ORAL EFFECTS: Oral LD₅₀: >5050 mg/kg

ACUTE INHALATION EFFECTS: Inhalation LC₅₀: >5.18 mg/L

CHRONIC (CANCER INFORMATION): CARCINOGENICITY:

NTP: No

IARC: No

OSHA: No

FIFRA TOXICITY CATEGORY: III

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ECOLOGICAL INFORMATION

This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes or estuaries. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated.

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DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by 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.

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TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Insecticide liquid O/T agricultural NMFC 102120; LTL CLASS 60

HAZARD CLASS: None **DOT IDENTIFICATION NUMBER:** None

DOT SHIPPING LABEL: None

RQ: None

NOTE: This product is not DOT regulated.

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REGULATORY INFORMATION

SARA TITLE III NOTIFICATIONS AND INFORMATION: This product DOES NOT contain any toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372.

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OTHER INFORMATION

HMIS Ratings: Health - 2 moderate Fire - 1 Slight Reactivity - 0 Negligible Personal Protection -B

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APPENDIX

MATERIAL SAFETY DATA SHEET PREPARED BY: REGULATORY DEPARTMENT
DATE PREPARED: OCTOBER 18, 1996 SUPERSEDES: OCTOBER 13, 1989
EMERGENCY PHONE NUMBER: 213-747-4125

ABBREVIATIONS
N/E Not Established
N/A Not Available