

Product Identity: SUMMIT PERMACIDE P CONCENTRATE

Section 1

Manufacturer's Name Summit Chemical Company
Address 7657 Canton Center Drive
 Baltimore, MD 21224
Telephone Number 410-282-5200
Date Prepared May 29, 1990

Section 2 Hazardous Ingredients/ Identity Information

Hazardous Components

ACTIVE INGREDIENT:

Permethrin (CAS # 52645-53-1)
 (3-Phenoxyphenyl) Methyl (+/-)
 cis/trans 3-(2,2-Dichloroethenyl)
 2,2-dimethylcyclopropane carboxylate:10.00%

INERT INGREDIENTS:

(CAS # A proprietary mixture of solvent,
 anionic and nonionic surfactants; 00800,
 02378, 02379 & 02380):90.00%

Section 3 Physical Characteristics

<u>Boiling Point</u>	N/E	<u>Odor</u>	Aromatic
<u>Vap. Press</u>	N/E	<u>Sp. Gravity</u>	0.906
<u>Vap. Density</u>	N/E	<u>Melt. Point</u>	N/E
<u>Solubility in water</u>	EMULSIFIABLE	<u>Evap. Rate</u>	N/E
<u>Appearance</u>	Light Brown Liquid		

Section 4 Fire and Explosion Hazard Data

Flash Point 115 degrees F
Method Use T.O.C.
Flammable Limits L.E.L. N/E U.E.L. N/E
Extinguishing Media Foam, Carbon Dioxide, Dry Chemical and Water Fog
Special Fire Fighting Procedures Use self-contained breathing apparatus. Cool fire exposed areas and equipment.
Unusual Fire and Explosion Hazards Do not use direct stream of water. Material may float and reignite.

Section 5 Reactivity Data

<u>Stability</u>	Stable
<u>Conditions to Avoid</u>	Avoid exposure to extreme temperatures. Do not use or store near heat or open flames. Do not hold dilutions for more than 24 hours.
<u>Incompatibility (Materials to Avoid)</u>	N/E
<u>Hazardous Decomposition Products</u>	N/E
<u>Hazardous Polymerization</u>	Will not occur

Section 6 Health Hazard Data

Routes of Entry

Inhalation LC50	N/E
Skin Dermal LD50	13,100 mg/kg
Moderately irritating to skin	
Ingestion Oral LD50	N/E
Eyes: Can cause severe eye irritation	

Health Hazards (Acute and Chronic)

N/E

Carcinogenicity

NO

NTP

NO

IARC Monograph

NO

OSHA Regulated

NO

Signs and Symptoms of Exposure

Eye and Skin irritation

Medical Conditions Generally Aggravated by Exposure

N/E

Emergency and First Aid Procedures

IF SWALLOWED: Contact a physician or poison control center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove person to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas with plenty of soap and water.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

Section 7 Precautions For Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

In case of spill or leakage, soak up with an absorbant material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

Waste Disposal Method

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.

PLASTIC ONE QUART CONTAINER DISPOSAL: Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

PLASTIC ONE GALLON OR LARGER CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Precautions to be Taken in Handling and Storage

Store upright at room temperature. Avoid exposure to extreme temperatures. Do not use or store near heat or open flame. Do not hold dilutions for more than 24 hours.

Other Precautions

Danger, corrosive, causes eye damage and skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed, inhaled or absorbed through skin. Wash thoroughly after handling. Remove and wash clothing before reuse. Avoid contamination of food and feed. Remove pets, birds and cover fish aquarium before spraying. Do not allow spray treatment to drift on pasture land, cropland, poultry ranges or water supplies. Do not use on crops used for food, forage or pasture.

Do not use in edible product areas of food/feed processing plants, restaurants or other areas where food/feed is commercially prepared or processed. Do not use in serving areas while food is exposed.

Do not treat puppies less than four weeks old. Do not use this or any other pesticide on sick, old or debilitated animals. In zoos, prevent exposure of reptiles to the product.

Environmental Hazards: This product is extremely toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes or estuaries. Not to be used within 100 feet (30) meters of lakes and streams. Do not apply where run off is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

Section 8 Control Measures

Respiratory Protection (Specify Type)

Wear full-faced gas mask with canister type recommended for general insecticide protection when applying indoors as a space spray or fog.

Ventilation

Local Exhaust: Use product in well ventilated areas.

Mechanical: Fans as necessary.

Special: No

Other: As a Space Spray, close doors and windows and shut off ventilating systems. Vacate area after treatment. Keep area closed for at least ten minutes and ventilate and sweep up dead insects before reoccupying.

Protective Clothing

Gloves: Wear rubber or impervious gloves when handling or mixing product. Wear gloves when dipping animals.

Eye Protection: Wear safety glasses, goggles or face shield when handling. Wear full-faced gas mask with canister type recommended for general insecticide protection when applying

Clothes: indoors as a Space Spray or Fog.
Wear a long sleeve shirt and long leg trousers. Remove and wash clothing before reuse

Work/Hygenic Practice Wash thoroughly after handling. Avoid contamination of food and feed.

Section 9 Comments

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Section 10 Appendix

MATERIAL SAFETY DATA SHEET PREPARED BY: R.I. Rose
CORRECT AS OF FOLLOWING DATE: May 29, 1990

N/E means NOT ESTABLISHED
N/A means NOT APPLICABLE