

## MATERIAL SAFETY DATA SHEET

**Douglas Products and Packaging Co.**  
**1550 E. Old 210 Highway**  
**Liberty, Mo. 64068**  
**Phone : (816)-781-4250**  
**Fax: (816)-781-1043**

**Manufacturer's Name:**  
**Douglas Products and Packaging Co.**  
**1550 E. Old 210 Highway**  
**Liberty, MO. 64068**

**Emergency Telephone No.**  
**1-800-424-9300 (Chemtrec)**  
**Day Telephone: 1-816-781-4250**  
**Night Telephone: 1-816-781-4650**

### SECTION I- GENERAL INFORMATION

**Trade Name: Pyrethrin 5**  
**EPA Registration No: 1015-67**

The Chem Trec number is used only in the event of chemical emergencies involving a spill, leak, Fire, exposure, or accident involving chemicals.

### SECTION II-INGREDIENTS

#### Labels

Material or Component	Cas#	%	Osha Pel	TLV	Hazard Data
Petroleum Distillate	647-42-95-6	96.83	-/-	100 ppm	-
*Piperonyl Butoxide, Technical	00051-03-6	01.00	-/-	-	-
Pyrethrins	08003-34-7	00.50	-/-	5 mg/m3	-
*Equivalent to 1.11% (Butylcarbityl) (6-Propylpiperonyl) Ether and 0.28% related compound.					

**HMIS: Health-2**

**Flammability-2**

**Reactivity-1**

**Personal Protection-B**

### SECTION III-PHYSICAL DATA

Physical properties	Liquid
Appearance	Straw Colored
Odor	N/A
Boiling Point	403 degrees F. to 509 degrees F.
Specific gravity	.8127
Vapor density	N/A
Melting point	N/A
Vapor pressure	N/A
Evaporation rate	1/430
Soluble in water	Negligible

### SECTION IV- FIRE DATA

Flashpoint: 150 Degrees F  
Flammable Limits: LOWER-N/A UPPER N/A  
Extinguishing Media: NFPA Class B extinguisher CO2, Dry Chemical or Foam  
(For liquid fires)  
Fire Fighting Techniques: None

Unusual fire and explosion hazards: Product will burn at elevated temperatures, keep away from heat and open flame.

## SECTION V-REACTIVITY DATA

Heat and open flames are conditions that contribute to instability. Strong oxidizers such as permanganate are incompatible with product. Will produce carbon monoxide from burning. Conditions contributing to hazardous polymerization: N/A

## SECTION VI-HEALTH HAZARD DATA

Principal Routes of Entry are inhalation and contact with skin.

Inhalation: Acute toxicity LC (50) = 8.53 mg/L in air for 4 hours.

Skin: N/A

Eye: N/A

Ingestion: Acute toxicity LD (50) = g/kg for rats

Effects of Exposure: Irritation to skin, eyes, mucosa, hyperexcitability, uncoordination, chronic, convulsions and diarrhea.

## SECTION VII- EMERGENCY PROCEDURES

Eye contact: Flush with water thoroughly

Skin contact: Wash with soap and water

Inhalation: Remove patient to fresh air

Indigestion: Call physician immediately. Do not induce vomiting, Antidote for cholinesterase inhibition antrophine

**CARCINOGENICITY: NPT: NO IARC: NO OSHA: NO**

## SECTION VIII-SPILL OR LEAK PROCEDURES

Remove all sources of ignition, ventilate area, and soak up spillage with absorbent materials such as sawdust.

To dispose incinerate and dispose of empty containers according to local regulations. Do not incinerate in closed containers, avoid breathing vapors, do not bury waste close to water sources.

## SECTION IX-SPECIAL PROTECTION INFORMATION

Eye Protection: Safety glasses recommended

Ventilation Requirements: Local exhaust is preferable, can use mechanical

Respiratory Protection: None required if adequate ventilation

Skin Protection: Solvent resistant gloves

Other: None

## SECTION X-SPECIAL PRECAUTIONS

Special Precautions/Storage

\*Wash thoroughly after handling and before eating and smoking.

\*Do not store above 120 degrees F., Combustible, keep away from heat and open flame, do not store in open or unlabeled containers.

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