

CESSCO 7C .70% PYRETHRUM

001 09/16/91 CESSCO 7C .70% PYRETHRUM

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Cessco 7C .70% Pyrethrum

MSDS #: P10850V

DATE ISSUED: 08/01/89

TRADE NAME & SYNONYMS: CESSCO 7C

CHEMICAL NAME & SYNONYMS: Pyrethrins I & II

CHEMICAL FAMILY: Botanical - Natural Pyrethroid

FORMULA: E.P.A. Reg. #6959-54

SECTION II - PRODUCT AND COMPONENT DATA

COMPONENT	CHEMICAL NAME		% (Approx.)	TLV Units
Pyrethrins I & II	CAS # 8003-34-7		0.70	5 mg/m3
Pipernyl Butoxide*, Technical	EPA # 1021-974		5.00	NE
Petroleum Oil, Refined	CAS # 64742-88-7		14.00	100 ppm
1,1,1-trichloromethane	CAS # 71-55-6		40.15	200 ppm
Chlorodifluoromethane	CAS # 75-45-6		40.15	1000 ppm

*Equivalent to 4% (butylcarbityl) (6-propylpiprtonyl) ether and 1.00% related compounds

SECTION III - PHYSICAL DATA

BOILING POINT: N/A

VAPOR PRESSURE (mm Hg): 3878

VAPOR DENSITY (Air=1): N/A

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: A fog with characteristic pungent pyrethrin odor.

SPECIFIC GRAVITY (H2O=1): 1.168

PERCENT, VOLATILE BY VOLUME (%): >97.5

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): N/A

EXTINGUISHING MEDIA: CO2, Dry Chemical, Foam

FLAMMABLE LIMITS: N/A

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained air supply suggested. Keep containers cool to avoid bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Exposure to temperatures above 130 Deg. F may cause bursting.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 300-350 mg/M3

EFFECTS OF OVEREXPOSURE: Headaches, nausea, light-headedness, giddiness, vomiting, abdominal cramps, breathing difficulties.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes.

SKIN: Wash with soap and water for 15 minutes.

INGESTION: Do NOT induce vomiting. Drink several glasses of water or milk. Consult a physician.

INHALATION: Remove to fresh air, recovery rapid and complete.

SECTION VI - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Open flames and very hot surfaces cause thermal decomposition.

INCOMPATIBILITY (Materials to Avoid): Strong acids, alkali and alkaline earth metals-powered Al, Zn, Mg, Be, etc.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrochloric and Hydrofluoric acids - possible carbonyl halide, phosgene and chloride.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: If container is ruptured or begins to leak, place in a well-ventilated area. For skin contact, wash with soap and water. Soak up any residual with sawdust or other inert material. Dispose of container in a safe manner.

WASTE DISPOSAL METHOD: Do not discard empty container in incinerator or fire. Do not reuse empty container. Wrap and place in trash collection.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type): Not required - avoid breathing mist. (Respirator suggested)

VENTILATION: Not given

PROTECTIVE GLOVES: Not required - avoid skin contact.

EYE PROTECTION: Not required - avoid contact with eyes.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in a cool dry area away from heat and open flames. Do not store above 130 Deg. F.

READ LABEL

OTHER PRECAUTIONS: Keep out of reach of children. Avoid contamination of

food and food preparation equipment. Remove pets, birds and fish. Do not spray on plastic, painted or varnished surfaces or directly into electronic equipment.

For emergency assistance involving chemicals,
call CHEMTREC - (800) 424-9300
Van Waters & Rogers Inc, subsidiary of UNIVAR
6100 Carillon Point, Kirkland WA 98033 - (425) 889-3400

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