

MATERIAL SAFETY DATA SHEET

CHEM-TOX FOGGING INSECTICIDE



SECTION 1 • IDENTIFICATION

IDENTITY:
CHEM-TOX FOGGING INSECTICIDE
EPA Registration No. **45385-27** • Product Code: **O-309**
ACTIVE INGREDIENT CHEMICAL NAME: PYRETHRINS
CHEMICAL FAMILY: Synthetic Pyretheroid
Manufacturer's Name:
CTX/Cenol, Inc.
Address: 138 West Drive
Lodi, Ohio 44254
Prepared by: Bart Baker Date Prepared: July 16, 2008

HMIS Rating: Health: 1
Flammability: 1
Reactivity: 0
Protection: Safety Glasses &
Rubber Gloves

Emergency Telephone Number: **1-330-948-2756**,
CHEMTREC at 1-800-424-9300 or National Pesticide Telecommunications
Network at **1-800-858-7378** or Telephone Number for Information:
9 AM to 5 PM EST - 888-281-7025

SECTION 2 HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS NUMBER	PEL	STEL	<-OSHA LIMITS ->		OPTIONAL %
				CEILING	ACGIH TLV	
Resmethrin*	10453-86-8	N/A	N/A	N/A	N/A	0.2
Conosol 260	64742-46-7	N/A	N/A	N/A	N/A	99.5

* REPORTABLE UNDER SARA SECT. 313

SECTION 3 • PHYSICAL / CHEMICAL DATA

BOILING POINT: (F): N/A
SOLUBILITY IN H₂O: N/A
APPEARANCE / ODOR: Light yellow liquid.
Mineral Spirits odor.

SPECIFIC GRAVITY: (Water = 1): 0.793
VAPOR PRESSURE: (mm hg): N/A

SECTION 4 • FIRE & EXPLOSION HAZARD DATA

FLASH POINT: >250° F
FLAMMABLE LIMITS: LEL: N/A UEL: N/A
EXTINGUISHING MEDIA: Use water fog, foam, dry chemical or CO₂.
SPECIAL FIRE FIGHTING PROCEDURES: Warning. Flammable. Clear fire
area of unprotected personnel. Cool fire exposed containers. Use
self-contained breathing apparatus for confined areas.

EMERGENCY RESPONSE GUIDE No. **128**
UNUSUAL FIRE & EXPLOSION HAZARDS: Cool containers
exposed to intense heat with water to prevent container
rupture from vapor pressure build-up.

SECTION 5 • REACTIVITY DATA

CHEMICAL STABILITY: Stable. Avoid heat, sparks and flame.
CONDITIONS TO AVOID: Avoid sparks, heat, flame, strong oxidizing
agents, alkali metal hydroxides.
INCOMPATIBLE MATERIALS: Avoid strong oxidizing materials.

DECOMPOSITION PRODUCTS: Carbon monoxide and
unidentified organics may be formed during combustion.
HAZARDOUS POLYMERIZATION: Will not occur

SECTION 6 • HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION? SKIN? INGESTION?
YES YES YES

SECTION 6 • HEALTH HAZARD DATA (CONT.)

HEALTH HAZARDS (ACUTE and CHRONIC): Liquid is irritating to eyes and skin. Inhalation of high concentration may cause CNS depression. Liquid is toxic and will be harmful if swallowed.

CARCINOGENICITY: **NTP?** **IARC MONOGRAPH?** **OSHA REGULATED?**
NO **NO** **NO**

SIGNS & SYMPTOMS OF EXPOSURE: Irritation as noted above. Early CNS depression may be evidenced by headache, dizziness and nausea. In extreme case, death may occur.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Eye, skin and respiratory disorders.

FIRST AID PROCEDURES:

EYES: Flush with plenty of water.

SKIN: Flush with water and remove contaminated clothing and shoes.

INHALATION: Fresh air and oxygen if required.

INGESTION: Do NOT induce vomiting. Get medical attention.

SECTION 7 • PRECAUTIONS FOR SAFE HANDLING

IN CASE MATERIAL IS RELEASED OR SPILLED: Keep liquid and vapor away from heat, sparks and flame. Shut off source of leak if safe to do so. Dike and contain. Clean up with absorbents.

WASTE DISPOSAL METHOD: Waste material is considered hazardous under EPA-RCRA (40 CFR 261.33). Follow latest EPA or state regulations regarding proper disposal.

HANDLING AND STORAGE: Keep liquid and vapor away from heat, sparks and flame. Empty containers can contain explosive vapors. Avoid static electricity by grounding equipment.

OTHER PRECAUTIONS: Bond and ground transfer equipment.

SECTION 8 • CONTROL MEASURES

RESPIRATORY PROTECTION: Air purifying respirator for organic vapors or air-supplying respirator.

VENTILATION: LOCAL EXHAUST: Use explosion-proof ventilation as required:

MECHANICAL EXHAUST: Use explosion-proof ventilation as required.

PROTECTIVE GLOVES: Chemical resistant.

EYE PROTECTION: Safety glasses or goggles.

OTHER PROTECTIVE EQUIPMENT: Use ventilation as required.

WORK / HYGIENIC PRACTICES: Explosion-proof ventilation. Air dry contaminated clothing in a well ventilated area.

SECTION 9 • SHIPPING INFORMATION

Environmentally Hazardous Substances, liquid, N.O.S. (Resmethrin)

HAZARD CLASS: Environmentally Hazardous Substance

UN NUMBER: UN3082, PGIII

Manufacture makes no warranty, express or implied, other than indicated on Label and MSDS. Customer assumes all risk of use and/or handling of this material when such use and / or handling is contrary to Label and MSDS

D.O.T. Hazard Classification: Combustible Liquid

Bill of lading Description: Chemicals, NOI

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