

MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION # : 314-647-1888  
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**PRODUCT IDENTIFICATION**

**CHEMCO FIRE ANT INJECTOR SPRAY**

DOT Hazard Classification: NON REGULATED

HMIS RATING: Health: 2; Flammability: 3; Reactivity: 0; Personal Protection: B

NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA

Hazard Rating: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

**SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION**

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES

(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)

	CAS #	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	CARCINOGEN REF SOURCE**
PETROLEUM DISTILLATES	8052-41-3	NO	500	100 d	
PERCHLOROETHYLENE	127-18-4	YES	25	25 a,b	
ISOBUTANE / PROPANE BLEND	75-28-5	NO	800	800 d	
	74-98-6	NO	1000	1000 d	

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit

N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

**SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point: N/A Specific Gravity (H2O=1): Concentrate Only = 0.993  
Vapor Pressure: PSIG @ 70°F (Aerosols): Max.60 Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A  
Vapor Density (Air = 1): N/E Evaporation Rate (= 1): N/E  
Solubility in Water: Insoluble Water Reactive: No  
Appearance and Odor: Light straw color with light chlorinated solvent odor.

**SECTION 3 - FIRE AND EXPLOSION HAZARD DATA**

FLAMMABILITY as per USA FLAME PROJECTION TEST

(aerosols) **EXTREMELY FLAMMABLE**

Auto Ignition Temperature

N/E

Flammability Limits in Air by % in Volume:

% LEL: N/E % UEL: N/E

FLASH POINT AND METHOD USED (non-aerosols): N/A

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.

EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide.

Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture.

**SECTION 4 - REACTIVITY HAZARD DATA**

STABILITY [ X ] STABLE [ ] UNSTABLE HAZARDOUS POLYMERIZATION [ ] WILL [ X ] WILL NOT OCCUR

Incompatibility (Mat. to avoid): Reactive metals, aluminum, magnesium, potassium, sodium, strong oxidizers, alkalis.

Conditions to Avoid: Open flame, welding arcs, heat, sparks.

Hazardous Decomposition Products: CO, CO2

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## SECTION 5 - HEALTH HAZARD DATA

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**PRIMARY ROUTES OF ENTRY:** [ X ] INHALATION [ ] INGESTION [ ] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS

### ACUTE EFFECTS

**Inhalation:** Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.

**Eye Contact:** Irritation. **Skin Contact:** Possible mild irritation due to defatting of skin.

**Ingestion:** Possible chemical pneumonitis if aspirated into lungs. Nausea.

**CHRONIC EFFECTS:** (Effects due to excessive exposure to the raw materials of this mixture) May cause cardiac abnormalities, central nervous system depression, lung, kidney and liver damage.

**Medical Conditions Generally Aggravated by Exposure:** May aggravate existing eye, skin, or upper respiratory conditions.

### EMERGENCY FIRST AID PROCEDURES

**Eye Contact:** Flush with water for 15 minutes. If irritated, seek medical attention.

**Skin Contact:** Wash with soap and water. If irritated, seek medical attention.

**Inhalation:** Remove to fresh air. Resuscitate if necessary. Get medical attention.

**Ingestion: DO NOT INDUCE VOMITING.** Drink two large glasses of water. Get immediate medical attention.

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## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

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**Respiratory Protection (specify type):** If vapor concentration exceeds TLV, use respirator approved by U.S. Bureau of Mines for organic vapor.

**Protective Gloves:** Neoprene gloves recommended. **Eye Protection:** Safety glasses recommended.

**Ventilation Requirements:** Adequate ventilation to keep vapor concentration below TLV.

**Other Protective Clothing & Equipment:** None

**Hygienic Work Practices:** Wash with soap and water before handling food. Remove contaminated clothing.

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## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

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**Steps To Be Taken If Material Is Spilled Or Released:** Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER.

**Waste Disposal Methods:** Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

**Precautions To Be Taken In Handling & Storage:** Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

**Other Precautions &/or Special Hazards:** KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources.

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