

Component Cooler (640-3321)

Faxback Doc. # 2976

TECH SPRAY, INC.
P O BOX 949
88 NORTH HUGHES
AMARILLO TX 79105
(806) 372-8523

MATERIAL SAFETY DATA SHEET
RS 64-3321

Component Cooler

Hazardous Description: (For Shipping Purposes Only)
Chlorodifluoromethane, UN1018, Non-Flammable Gas

Hazard Rating Health: 1 Fire: 0 Reactivity: 1
0-Least 1-Slight 2-Moderate 3-High 4-Extreme

* * * * * I--HAZARDOUS COMPONENTS * * * * *

Ingredients	CAS No.	%	Hazard
Chlorodifluoromethane	75-45-6	100	OSHA PEL 1000ppm ACGIH TLV 1000ppm Inhalation: LC50 26,200 ppm/4hr Oral ALD: >3725 mg/kg in rats

* * * * * II--PHYSICAL DATA * * * * *

Boiling Point -41 degrees C/-41 degrees F pH 7-8
Density 1.194 % Volatile 100
Solubility in Water 0 % Solids 0
Vapor Density (Air=1) .. 3.0 Evaporation Rate (H2O=1) .. >1
Appearance: Clear water--white liquid with low odor.

* * * * * III--FIRE AND EXPLOSION HAZARD DATA * * * * *

Flash Point: None TCC Method Explosion Limits
LEL: NA UEL: NA
Extinguishing Media: Water, foam, dry chemical, carbon dioxide.
Special Firefighting Procedures:
Firefighters should wear self-contained, positive-pressure breathing
apparatus and avoid skin contact.

Unusual Fire and Explosion Hazards:
Aerosol cans may erupt with force at temperatures above 120 degrees F.

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* * * * * IV--HEALTH HAZARD DATA * * * * *

Effects of Overexposure

INHALATION: Major potential route of exposure. Minimal effects have been observed at less than 1,000 ppm. Dizziness, drowsiness, and throat irritation possible at levels above 1,000 ppm. Unconsciousness and death at levels exceeding 10,000 ppm. Blood pressure depression, cardiac sensitization, and ventricular arrhythmia can result from exposure to near-anesthetic levels.

EYES: Liquid can cause slight, temporary irritation with slight temporary corneal injury. Vapors can irritate eyes.

SKIN: Prolonged or repeated contact with liquid can cause freezing of skin tissue, defatting, and dermatitis.

INGESTION: Single-dose toxicity is low to moderate. If vomiting occurs, the liquid can be aspirated into the lungs, which can cause chemical pneumonia and systemic effects. Human psychotropic, gastrointestinal, and central nervous system effects possible.

Emergency and First Aid Procedures

INHALATION: Remove to fresh air. If breathing has stopped, administer artificial respiration. Seek medical attention.

EYES: Flush eyes for at least fifteen minutes with clear water. If irritation persists, seek medical attention.

SKIN: Wash with soap and water. For frostbite, seek immediate medical attention.

INGESTION: DO NOT INDUCE VOMITING! Give 2 glasses of water and immediately seek medical attention.

NOTE: Adrenalin and similar cardiac stimulants should NOT be used to treat effects of overexposure to this product. See section I.

None of the ingredients in this product are listed on the OSHA, IARC, NTP list of possible carcinogenic, mutagenic, or teratogenic chemicals.

* * * * * V--REACTIVITY DATA * * * * *

Stability: STABLE Conditions to Avoid: Contact with open flame, heat.

Incompatibility (materials to avoid):
Reactive alkali metals, strong acids & bases.

Hazardous Decomposition Products:
Hydrogen chloride, phosgene, chlorine, carbon dioxide, and carbon monoxide.

Hazardous Polymerization: WILL NOT OCCUR
Conditions to Avoid: None

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* * * * * VI-SPILL OR LEAK PROCEDURES * * * * *

Evacuate area. Ventilate area well and avoid breathing vapors. Vapor concentration will be highest along floor and in low lying areas. Pick up liquid on a suitable absorbant and store in sealed containers.

* * * * * VII--WASTE DISPOSAL METHODS * * * * *

Material may be disposed of by a licensed reclaimer or incineration facility. Consult local, state, and federal disposal authorities for approved procedures.

Do not incinerate or destroy aerosol cans.

* * * * * VIII--EMPLOYEE PROTECTION * * * * *

Respiratory Protection:

Use NIOSH-approved organic vapor mask if vapor levels exceed TLV.

Ventilation: Do not use in closed space. Ventilation required.

Hands: Solvent-resistant gloves such as Viton(R)*, Polyvinyl alcohol.

Eyes: Wear splash-proof safety goggles or glasses.

Special Precautions:

Keep aerosol cans in cool place out of direct sunlight. Keep this and all chemicals out of the reach of children. This product is intended for industrial use only.

* * * * * IX--OTHER INFORMATION * * * * *

* Viton(R) is a registered trademark of DuPont Dow Elastomers

Prepared By: J. Witcher Date: 07-11-91
NL=Not Listed NIF=No Information Found NE=Not Established
NA=Not Applicable