



24 Madison Road, Fairfield, New Jersey 07004, USA  
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,  
email: [info@jeen.com](mailto:info@jeen.com) , Website: [www.jeen.com](http://www.jeen.com)

#### MATERIAL SAFETY DATA SHEET

##### MATERIAL AND MANUFACTURER IDENTIFICATION

Manufacturer's Name: **Chemtrec Emergency Tel.# 800-424-9300**  
JEEN INTERNATIONAL CORPORATION **Chemtrec Int'l Tel.# 703-527-3887 (Collect Calls Accepted)**  
24 MADISON ROAD  
FAIRFIELD, NEW JERSEY 07004  
Telephone No.: 973-439-1401  
Fax No.: 973-439-1402

##### GENERAL INFORMATION

Chemical Name: Silicone Glycol  
Chemical Family: Polsiloxane  
Trade Name: **JEESILC DMC 522**  
Health (NFPA): 1 Flammability (NFPA): 2 Reactivity (NFPA): 0

##### HAZARDOUS INGREDIENTS

This material contains no ingredients, which are known to Jeen International to be hazardous unless listed below.

##### PHYSICAL DATA

Boiling Point, F->300 Volatile, % by Volume - <5  
Solubility in Water 25 C – soluble Appearance at 25 C – Liquid  
Specific Gravity at 25 C – 1.038 Odor – Very Little Odor  
Vapor Pressure, mm Hg 25 C - <5 Flash Point, PMCC, F - <200  
Vapor Density, (Air=1) – NA

##### FIRE AND EXPLOSION HAZARD DATA

**Flash Point: PMCC >200 Flammable Limits in Air, % by Volume:** Unknown  
**Lower:** Undetermined  
**Upper:** Undetermined  
**Extinguishing Media:** Use Carbon Dioxide or Dry Chemical on small fires. Use foam (alcohol, polymer or ordinary) and water spray for large fires.  
**Special Fire Fighting Procedures:** Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.  
**Unusual Fire and Explosion Hazards:** Static electricity is not expected to build up, and product is not sensitive to static.

##### HEALTH HAZARD DATA

**Threshold Limit Value:** See Hazardous Ingredients Section  
**Effects of overexposure:** Contact with skin or eyes may cause temporary irritation. Inhalation for short exposures of less than 8 hours should not cause injury. Oral contact from the fingers to the mouth should no injury. Swallowing large amounts may cause digestive discomfort.  
**Emergency and First Aid Procedures:** Flush eyes with copious amounts of water for a minimum of 15 minutes. Wash contacted skin areas with soap and water. If irritation develops, consult a physician. Soaked clothing should be changed.

##### REACTIVITY DATA

**Stability:** Stable (X) Unstable ( )  
**Incompatibilities:** (Materials to Avoid) Strong oxidizing material can cause a reaction.  
**Hazardous Decomposition Products:** Silicon dioxide, carbon oxides, trace amounts of formaldehyde may form when heated above 300 F.  
**Hazardous Polymerization:** May occur ( ) Will not occur (X)  
**Conditions to Avoid:** See above statements.



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Jeesilc 5225 FA

SPILL, LEAK AND DISPOSAL PROCEDURES

**Action to take for Spills:** (Use appropriate Safety Equipment) Use absorbent material to collect and contain for disposal. Contain large spills and pump into a suitable tank. Wash area with suitable detergent and thoroughly rinse.

**Disposal Method:** All Local, State and Federal Regulations concerning health and pollution should be reviewed to determine approved disposal procedures.

SPECIAL HANDLING INFORMATION

**Ventilation:**

1. **Local Exhaust:** None should be needed
2. **Mechanical (general):** Recommended
3. **Respiratory Protection (type):** Canister for organic vapors (i.e. type GMA from Mine Safety Appliance Co.)
4. **Protective Clothing:** Clean, body-covering clothing

**Eye Protection:** Safety glasses.

**Other Protective Equipment:** Eye Fountain and Safety Shower in work area.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Keep container closed and stored away from heat, sparks and open flame.

TRANSPORT INFORMATION

<b>Proper Shipping Name:</b>	Silicone Glycol	
<b>Hazard Technical Name:</b>	Silicone Glycol	
<b>Hazard Class:</b>	Combustible Liquid	
<b>UN/NA Number:</b>	NA 1993	
<b>Packing Group:</b>	III	
<b>EPA SARA Title III Chemical Listings:</b>		
<b>Section 302 Extremely Hazardous Substances:</b>	None	
<b>Section 304 CERCLA Hazardous Substances:</b>		None
<b>Section 312 Hazard Class:</b>	<b>Acute:</b>	NO
	<b>Chronic</b>	NO
	<b>Fire:</b>	NO
	<b>Pressure:</b>	NO
	<b>Reactive:</b>	NO

**Supplemental State Compliance Information**

**NEW JERSEY:** None

**PENNSYLVANIA:** None

**CALIFORNIA PROP.65:** None

**Section 313 Toxic Chemicals:** None present or none present in regulated quantities.

These data are offered in good faith as typical values and not as a Product Specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable; however, each user should review these recommendations in the specific context of intended use and determine whether they are appropriate.