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**MATERIAL SAFETY  
DATA SHEET**

**EMERGENCY TELEPHONE  
CHEMTREC: 1-800-424-9300**

NAME USED ON LABEL: **CYCLO-1400-DM**  
CHEMICAL NAME: Cyclopentasiloxane (and) Dimethicone  
NFPA: HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0

**INGREDIENTS**

IDENTITY	%.
Cyclopentasiloxane	78-88%
Silicone Elastomer	10-20%

**PHYSICAL DATA**

Boiling Point: 205°C (401°F)  
Specific Gravity: 0.957  
Color: Colorless

Viscosity of Liquid: 5,000-7,000cps  
Stability: Stable  
Odor: Characteristic

**FIRE & EXPLOSION DATA**

Flash Point: 68°C (154.4°F)

Method: Closed Cup

**General Hazard:**

Combustible Liquid can form combustible mixtures at temperatures at or above the flashpoint. Static discharge, material can accumulate static charges, which can cause an incendiary electric discharge. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous.

Empty drums should be completely drained, properly bunged, promptly returned to a drum reconditioned, or properly disposed of.

**Fire Fighting:**

Use water spray to cool fire exposed surfaces and to protect personal. Isolate "fuel" supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boilover.

**ENVIRONMENTAL INFORMATION**

**Land Spill:**

Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard.

For small spills implement cleanup procedures: for large spills implement cleanup procedures, if in public area, keep away and advise authorities. Also, if this product is subject to CERLA reporting (see section vii) notify National Response center.

**Water Spill:**

Remove from surface by skimming or with suitable adsorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in non-confined waters. Consult an expert on disposal regulated material and ensures conformity to local disposal regulations.

**HEALTH HAZARD DATA**

Eye Contact: Slightly irritating but does not injure eye tissue.

Skin contact: Single, prolonged exposure (hours) causes no know effect. Several repeated, prolonged exposures may cause slight irritation.

Inhalation: No irritation to nose or throat expected. No injury is likely from relatively short exposure. Avoid mist or aerosol mists. Mists may seriously irritate nose, throat and lungs.

Ingestion: No known, adverse chronic health effects, but unnecessary exposure to any chemical should be avoided. This product, as with any chemicals, may enhance allergic conditions, on certain people. There are no known medical conditions that might be aggravated by exposure to this product.

#### SUGGESTED FIRST AID

EYES: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

SKIN: Flush with large amounts of water, use soap if available. Remove grossly contaminated clothing, including shoes. And launder before reuse.

INHALATION: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.

INGESTION: If swallowed, DO NOT induce vomiting. Keep at rest, get prompt medical attention.

#### REACTIVITY DATA

Conditions to Avoid

Hazardous Polymerization:

Not applicable

Materials and Conditions to

Avoid Incompatibility:

Strong oxidizing agents

Hazardous Decomposition Products:

None

#### STORAGE AND HANDLING

Electrostatic Accumulation Hazard:

Yes, use proper grounding procedure

Storage Temperature, F:

Ambient

Storage/Transport Pressure, mmHg:

Atmospheric

Loading/Unloading Temperature, F:

Ambient

Viscosity at Loading/Unloading Temp.

5,000-7,000cps

#### OTHER PRECAUTIONS

This product is not known to be hazardous but, as with all chemicals handle with care.

#### TRANSPORTATION

##### DOT

Shipping Name: Silicone Fluid

Hazard Class: None

DOT Identification Number: UN 1221

##### CERCLA

If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive response, Compensation, and Liability Act (CERCLA). We recommend you obtain local reporting requirements.

##### SARA TITLE III

Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and reauthorization Act, this product is classified into the following hazard categories:

Delayed Health, Fire.

The information contained in this document has been gathered from reference materials and/or Clearco, Inc. test data and is to the best knowledge and belief of Clearco, Inc. accurate and reliable. Such information is offered solely for your consideration, investigation and verification. It is not suggested or guaranteed that the hazard precautions or procedures described are the only ones that exist. Clearco, Inc. makes no warranties, express or implied, with respect to the use of such information and assumes no responsibility therefore.