Section 1: Chemical Product and Company Identification
Cat#: 15176
Part Name: POLY (CHLOROTRIFLUORO ETHYLENE)
Supplier: Polysciences, Inc.
400 Valley Road
Warrington, PA 18976 USA
MSDS Telephone #215-343-6484 Emergency only #215-378-4526

Section 2: Hazards Identification
Hazard Overview
Low hazard for usual industrial or commercial handling.
GHS Classification
Non-Hazardous
Signal word: non-hazard

Section 3: Composition/ Information on Ingredients
Note: Items listed with a CASRN... number have no CAS# available.

<table>
<thead>
<tr>
<th>Item#</th>
<th>Name</th>
<th>EINECS</th>
<th>CAS#</th>
<th>% in product</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ethene, chlorotrifluoro-, homopolymer</td>
<td>Unknown</td>
<td>0009002839</td>
<td>95-100</td>
</tr>
</tbody>
</table>

Section 4: First Aid Measures
Contact medical personnel if discomfort persists.
Flush eyes with flowing water for at least 15 minutes.
If breathing is difficult, contact emergency personnel.
If swallowed, wash out mouth with water if person is conscious.
Remove to fresh air.
Wash skin with deluge of water for at least 15 minutes.

Section 5: Fire Fighting Measures
Flash point, deg F.: no data
Method: no data
UEL: no data
LEL: no data
Autoignition temperature, deg F.: no data
Flammability Classification: no data
Flame Propagation Rate: no data
Hazardous Combustion Products: fluorine and chlorine compounds

Section 6: Accidental Release Measures
Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.
No special measures are indicated.

Section 7: Handling and Storage
**Section 8: Exposure Controls/ Personal Protection**

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in workplaces and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product.

Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product. Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

**Section 9: Physical and Chemical Properties**

- **Formula:** (C2ClF3)x
- **Formula Weight:** no data
- **boiling point:** decomposes >390
- **melting point:** no data
- **solubility:** negligible
- **vapor pressure:** 0.1mm Hg (70 F)
- **vapor density:** no data
- **Specific gravity:** 1.7
- **ph:** no data
- **appearance:** colorless liquid with slight ethereal odor

**Section 10: Stability and Reactivity**

- **Chemical Stability:** stable
- **Conditions to Avoid:** none
- **Incompatibility with other materials:** none
- **Hazardous Decomposition Products:** none
- **Hazardous Polymerization:** will not occur

**Section 11: Toxicological Information**

- **Acute Data:** no data
- **Subchronic data:** no data

**Section 12: Ecological Information**

- **no data**

**Section 13: Disposal Considerations**

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Waste Code</th>
<th>Regulated Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>0009002839</td>
<td>not listed</td>
<td>not listed</td>
</tr>
</tbody>
</table>

**Section 14: Transportation Data**

- **Proper Shipping Name:** NOT REGULATED
- **Chemical Name:**
- **UN:**
- **Class:**
- **PG:**

**Section 15: Regulatory Information**

All components of this product are on the TSCA public inventory.

All components of this product are on the TSCA public inventory.

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.
Section 16: Other Information

POLYSCIENCES, INC. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. POLYSCIENCES, INC. makes no representations or warranties, either expressed or implied, of merchantability, fitness for particular purposes with respect to the information set forth herein or to which the information refers. Accordingly, POLYSCIENCES, INC. will not be responsible for damages resulting from the use of or reliance upon this information.

END OF MSDS