TRACER PRODUCTS
MATERIAL SAFETY DATA SHEET

Section 1. Identification of the Substance/Preparation and Company
PRODUCT NAME: TP-9770
DESCRIPTION: Universal Fluorescent Dye for Mobile AC&R Systems, R-134a/Polyol Ester
USE: Leak Detection
EMERGENCY TELEPHONE #: 800-424-9300 (24 HOURS) CHEMTREC; Call collect outside continental U.S.: 703-527-3887.
PRODUCT INFORMATION: Spectronics Corporation, 956 Brush Hollow Road, Westbury, NY 11590. 800-641-1133.

Section 2. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Common Name/Chemical Name</th>
<th>CAS/NJ TSNR</th>
<th>% W</th>
<th>PEL</th>
<th>TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluorescent Dye</td>
<td>See Below</td>
<td>30-50</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Lubricant Oil</td>
<td>See Below</td>
<td>50-70</td>
<td>5*</td>
<td>5*</td>
</tr>
</tbody>
</table>

Fluorescent Dye: The specific identity and composition has been withheld as a trade secret, New Jersey Trade Secret Registry Number NJ TSNR 80100312-5002P
Lubricant Oil: The specific identity and composition has been withheld as a trade secret, New Jersey Trade Secret Registry Number NJ TSNR 80100312-5004P

*Airborne Oil Mist Exposure Limits: Lubricant Oil
ACGIH TLV: 5 mg/m³, 8 hr
ACGIH STEL: 10 mg/m³
OSHA PEL: 5 mg/m³, 8 hr

Section 3. Hazards Identification
EMERGENCY OVERVIEW: May cause eye, skin and respiratory system irritation.
Primary Routes of Exposure: Eye. Skin. Inhalation (breathing).
Eye Contact: Can cause mild irritation. Skin Contact: Irritation can occur following prolonged or repeated contact. Inhalation (breathing): Processing vapors can possibly cause irritation to the upper respiratory tract. Ingestion (swallowing): Ingestion can cause gastrointestinal irritation. Aggravation of Existing Conditions: A review of available data does not identify any worsening of any existing medical conditions.

Carcinogenicity: ACGIH IARC NTP OSHA
Fluorescent Dye No No No No
Lubricant Oil No No No No

HMIS HAZARD RATING: Health: 1, Fire: 1, Reactivity: 0.

Section 4. First-Aid Measures
Eye Contact: Flush eyes with water for 15 minutes. If irritation develops, consult a physician. Skin Contact: Wash affected area with soap and water. If irritation develops, consult a physician. Inhalation (breathing): Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing, give artificial respiration. Ingestion (swallowing): Call a physician immediately. Induce vomiting only as directed by medical personnel.

Section 5. Fire-Fighting Measures
Flash Point: 500°F (250°C); Test Method: CC; Explosive Limit: LEL(%): Not Determined; UEL(%): Not Determined; Autoignition Temperature: Not Determined. Unusual Fire and Hazardous Combustion and Decomposition Products: Smoke, soot, and toxic/irritating fumes (i.e., carbon dioxide, carbon monoxide, etc.). Oxides of nitrogen. Fire and Explosion Hazards: May liberate irritating or toxic vapors during combustion or decomposition. Extinguishing Media: Based on the NFPA guide, use dry chemical, carbon dioxide, or alcohol foam suitable for Class B fires. Use water to cool containers exposed to fire. For large fires, use water spray or fog, thoroughly drenching the burning material. Fire-Fighting Procedures/Equipment: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive-pressure, self-contained breathing apparatus (SCBA) and full protective clothing.