

# TRACER PRODUCTS

## MATERIAL SAFETY DATA SHEET

TP-3840

Effective: 02/10/06

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*Myers 03762**and Myers 03765*

### Section 1. Identification of the Substance/Preparation and Company

PRODUCT NAME: TP-3840

DESCRIPTION: Fluorescent Universal A/C Dye for R/12 and R-134a Systems

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.

For calls originating outside continental U.S.: 516-333-1254.

### Section 2. Composition/Information on Ingredients

Common Name/Chemical Name	CAS Number	% W	PEL(mg/m <sup>3</sup> )	TLV(mg/m <sup>3</sup> )
Lubricant Oil	See Below	50-70	5*	5*
Fluorescent Dye	See Below	30-50	NA	NA

Fluorescent Dye: The specific identity has been withheld as a trade secret. New Jersey Trade Secret Registry Number NJ TSNR 8010023-5002P.

Lubricant Oil: The specific identity has been withheld as a trade secret. New Jersey Trade Secret Registry Number NJ EIN 80100312-5004P

\*Airborne Oil Mist Exposure Limits: Lubricant Oil

ACGIH TLV: 5 mg/m<sup>3</sup>, 8 hrACGIH STEL: 10 mg/m<sup>3</sup>OSHA PEL: 5 mg/m<sup>3</sup>, 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
Lubricant Oil	No	No	No	No
Fluorescent Dye	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 (260°C); Test Method: CC; Explosive Limit: LEL(%): Not Determined; UEL(%): Not Determined; Autoignition Temperature: Not Determined. 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: Small Fires: Use dry chemical, carbon dioxide, halon, water, spray, or foam. Large Fires: Water spray, fog, or alcohol foam.

### Section 6. Accidental Release Measures

Spill Containment and Recovery: Contain with absorbent material such as clay, soil or any commercially available absorbent Shovel reclaimed dye and absorbent into recovery or salvage drums for disposal. Stop material from contaminating soil, or from entering sewers or bodies of water. Collection and Disposal: Dispose of according to applicable local, state and federal regulations.

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### Section 7. Handling and Storage

**Storage Conditions:** Store in a cool, dry, well-ventilated area away from heat, ignition sources, and direct sunlight. Always keep containers tightly closed. **Special Warning:** Hot organic chemical vapors or mists can suddenly and without warning combust when mixed with air. Ignition can occur at typical elevated temperature process conditions. **Personal Hygiene:** Wash thoroughly after handling. **Empty Container Precautions:** Do not reuse empty container for any purpose.

### Section 8. Exposure Controls/Personal Protection

**Engineering Controls/Ventilation:** Maintain airborne concentrations below the established exposure limits (see PEL and TLV in section 2) by providing adequate ventilation. **Eye Protection:** Wear safety goggles. An eye wash facility should be readily available. **Skin Protection:** Wear protective clothing and appropriate impervious gloves. **Respiratory Protection:** Avoid breathing vapor and/or mist. Respiratory protection programs must be in compliance with 29 CFR 1910.134.

### Section 9. Physical and Chemical Properties

**Appearance:** Amber; **Odor:** Mild; **Physical State:** Liquid; **Specific Gravity (Water=1):** 0.98; **Vapor Pressure 68° F (20° C):** < 0.01 mmHg @ 20° C; **Vapor Density (Air=1):** >1; **Percent Volatile by Volume (%):** 0; **Evaporation Rate (Butyl Acetate=1):** < 0.01; **Solubility in Water:** Not Soluble; **pH:** Not Applicable; **Boiling Range:** >400 °F (204 °C).

**Note:** The physical data presented above are typical values and should not be construed as a specification.

### Section 10. Stability and Reactivity

**Chemical Stability:** Stable under normal conditions of storage and use; **Conditions to Avoid:** High temperatures. Source of ignition. **Incompatibility with Other Materials:** Oxidizers and reducers; **Hazardous Polymerization:** Will not occur. **Hazardous Decomposition Products:** Combustion may produce carbon monoxide and other asphyxiants.

### Section 11. Toxicological Information

		Fluorescent Dye*	Lubricant Oil
Oral LD <sub>50</sub>	Rat	Not available	Not available
Dermal LD <sub>50</sub>	Rabbit	Not available	Not available
Inhalation LC <sub>50</sub>	Rat	Slight to mild irritation	Slight irritation
Eye Irritation	Rabbit	Irritation	Slight irritation
Skin Irritation	Rabbit	Irritation	Slight irritation

\*Fluorescent Dye: Negative results were obtained in the Ames test. Negative results were obtained in the micronucleus assay.

### Section 12. Ecological Information

No data are available on this product.

### Section 13. Disposal Considerations

**Disposal:** Dispose of in accordance with all local, state, and federal regulations. **Special Instructions:** Be sure to contact the appropriate government environmental agencies if further guidance is required.

### Section 14. Transport Information

**DOT Shipping Name:** Not Regulated; **DOT Label:** Not Applicable; **DOT Identification No.:** Not Applicable; Nonregulated shipments by air under 49 CFR, IATA/ICAO AND IMO.

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### Section 15. Regulatory Information

#### **U.S. Federal Regulatory Information:**

This product is not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### **SARA Title III Information:**

**Ozone-Depleting Chemicals:** No regulated ingredients. **Section 302-Extremely Hazardous Substances:** No regulated ingredients. **Section 302-Reportable Quantity:** None. **Section 311/312-Hazard Categories:** Fire Hazard: No; Sudden Release of Pressure Hazard: No; Reactivity Hazard: No; Immediate (Acute) Health Hazard: No; Delayed (Chronic) Health Hazard: No. **Section 313-Toxic Chemicals:** No regulated ingredients.

**TSCA:** The chemical components of this product are contained on the Section 8(B) Chemical Substance Inventory List (40 CFR 710).

**CERCLA:** No regulated ingredients.

#### **State Right-To-Know:**

Pennsylvania - New Jersey R-T-K:

NAME	NJ EIN/CAS	% W
Lubricant Oil	80100312-5004P	50-70
Fluorescent Dye	80100023-5002P	30-50

California - California Proposition 65: No regulated ingredients.

**CARCINOGEN:** None; **TERATOGENIC:** None; **BOTH CARCINOGEN AND TERATOGENIC:** None

### Section 16. Other Information

**USER'S RESPONSIBILITY:** A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions (in addition to those described herein) are required. Any health hazard and safety information contained herein should be passed on to your customers or employees, as the case may be.

**DISCLAIMER OF LIABILITY:** The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made here under with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the users to comply with all applicable federal, state and local laws and regulations.

NA = Not Available

**End of Material Safety Data Sheet**