

## MATERIAL SAFETY DATA SHEET

09/2007  
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### 1. PRODUCT INFORMATION

**Product Name:** Optifill 5300  
**Chemical Name:** Optical Fibre Cable Filling Compound  
**CAS NO.:** 3910 00 00 00  
**Emergency Phone Number:** CHEMTREC (800) 424-9300  
**Other Safety Information:** (281) 587-0900

### 2. COMPOSITION - INFORMATION ON INGREDIENTS

**Composition:** Hydrocarbon oils with thickeners and additives.

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempt.

Refer to Section 8 for Occupational Exposure Limits.

### 3. HAZARDS IDENTIFICATION

This product is not classified as hazardous.

### 4. FIRST AID MEASURES

**Eyes:** Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention urgently. In case of hot contact, hold the eye open under clean cold running water and seek urgent medical attention.

**Skin:** Wash thoroughly with soap and water or suitable skin cleanser as soon as possible. In case of hot contact cool under running water for at least 15 minutes and seek medical attention if there is any redness or blistering.

**Inhalation:** Unlikely to be a hazardous under ambient conditions. Hot product – remove from exposure.

**Ingestion:** Obtain medical attention urgently. Do not induce vomiting.

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Hazards:** Carbon dioxide, powder or foam. Do not use water jets.

**FIRE FIGHTING MEASURES-continued**

**Special Exposure Hazards:** Irritant fumes and carbon monoxide may be generated if the product is burned in an enclosed space.

**Special Protective Equipment:** Self-contained breathing apparatus is recommended if the fire is in an enclosed space.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Spilt product presents a significant slip hazard.

**Environmental Precautions:** Prevent entry into drains, sewers and watercourses.

**Decontamination Procedures:** Gather into containers.

**7. HANDLING AND STORAGE**

**Handling:** Do not eat, drink, or smoke while using this product. To avoid the possibility of skin disorders repeated or prolonged contact with products of this type must be avoided. It is essential to maintain a high standard of personally hygiene.

**Storage:** No special precautions.

**8. EXPOSURE CONTROLS – PERSONAL PROTECTION**

**Occupational Exposure Limits:**

<u>Substance</u>	<u>8-Hour TWA</u>	<u>STEL</u>	<u>Source</u>
Mineral Oil See Oil mist, mineral	5 mg/m <sup>3</sup>	10 mg/ m <sup>3</sup>	Occupational Exposure limits

**Engineering Control Measures:** No specific ventilation requirement noted.

**Personal Protective Equipment:** Avoid skin and eye contact. Wear impervious gloves (e.g. of PVC) in case of repeated or prolonged contact. Change contaminated clothing and clean before re-use. A high standard of personal hygiene is essential.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Thixotropic gel

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**PHYSICAL AND CHEMICAL PROPERTIES - Continued**

<b>Colour:</b>	<b>Pale amber</b>
<b>Odour:</b>	<b>Mild</b>
<b>Melting Point/range:</b>	<b>Non melting</b>
<b>Flash Point of Base Oil (open)</b>	<b>230°C minimum</b>
<b>Autoignition Point:</b>	<b>Above 250°C</b>
<b>Vapour Pressure at 20°C:</b>	<b>Below 0.2 mbar</b>
<b>Density at 20°C:</b>	<b>Typically 0.85 g/cm<sup>3</sup></b>
<b>Water Solubility:</b>	<b>Insoluble</b>

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	<b>Stable – will not polymerise.</b>
<b>Conditions to Avoid:</b>	<b>Temperatures above 170°C.</b>
<b>Materials to Avoid:</b>	<b>Strong oxidizing agents.</b>
<b>Hazardous Decomposition Products:</b>	<b>Carbon monoxide and irritant fumes may be generated if this product is an enclosed space.</b>

**11. TOXICOLOGICAL INFORMATION**

**Health Effects On:**

<b>Eyes:</b>	<b>May cause transient irritation.</b>
<b>Skin:</b>	<b>Unlikely to cause injury upon brief or occasional contact. Repeated or prolonged contact may lead to skin disorders.</b>
<b>Inhalation:</b>	<b>Low volatility makes inhalation unlikely at ambient temperatures.</b>
<b>Ingestion:</b>	<b>May cause nausea, vomiting and diarrhea.</b>
<b>Chronic:</b>	<b>Repeated and prolonged skin contact may lead to skin disorders.</b>
<b>Other:</b>	<b>Non known.</b>

**12. ECOLOGICAL INFORMATION**

<b>Environmental Assessment:</b>	<b>When used and disposed of as intended no adverse environmental effects are foreseen.</b>
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**ECOLOGICAL INFORMATION-continued**

**Mobility:** Involatile. Insoluble in water.

**Persistence and Degradability:** Not readily biodegradable but is inherently biodegradable.

**Bioaccumulative Potential:** Not expected to be bioaccumulative.

**Ecotoxicity:** Not expected to be ecotoxic to fish/daphnia/algae.

**13. DISPOSAL CONSIDERATIONS**

Disposal must be in accordance with local and national legislation.

**Unused Product:** Prevent entry to drains, sewers and watercourses. Dispose of in an approved manner. May be incinerated.

**Used/Contaminated product:** As for "Unused Product".

**Packaging:** The method of disposal must be acceptable to the local authority. May be steam cleaned and recycled.

**EWC Disposal Code:** 13 01 10

**14. TRANSPORT INFORMATION**

This product is not classified as dangerous for transport.

**15. REGULATORY INFORMATION**

**Hazard Label Data:** This product is not classified as dangerous for transport.

Revision Date: 09/07

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