

**ORGI CHEMIE FZ LLC**

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**SAFETY DATA SHEET****1. PRODUCT AND COMPANY IDENTIFICATION:**

**Product:** Ocpol 700(HV) is a – Unsaturated Polyester Resin  
**Supplier:** ORGI CHEMIE FZ LLC  
**Emergency Telephone Number:** +971 7 2432925

**2. INGREDIENTS**

Unsaturated Polyester Resin in Styrene  
**Chemical Name:** Styrene  
**CAS-No:** 100-42-5  
**EEC-No:** 601-026-00-0

**3. HEALTH HAZARDS DATA:**

**Most important hazards:** Flammable

**Health Hazards Acute and Chronic:** Vapours and mist may irritate nose and throat. Inhalation of very high concentrations or prolonged exposure may cause unconsciousness. Liquid and mist cause eye irritation and redness.

**Signs and Symptoms of Overexposure:** Inhalation of higher concentrations may cause nausea, loss of appetite, CNS depression and general weakness.

**Route of Entry Indicators:**

Inhalation: Yes  
Skin: Yes  
Ingestion: Yes

**4. FIRST AID MEASURES:**

- Inhalation:** Move to fresh air. Give CPR if not breathing. Get immediate medical attention.
- Skin Contact:** Flush skin with lots of water for 15 minutes. Remove contaminated clothing and shoes. Get immediate medical attention.
- Eye Contact:** Immediately flush eyes with lots of water for 15 minutes. Keep eyes wide open while rinsing. Get immediate medical attention.
- Ingestion:** Do not induce vomiting. Get immediate medical attention

**5. FIRE FIGHTING MEASURES:**

- Extinguishing media:** Carbon dioxide, water fog, foam and dry chemical.
- Specific Hazards:** Thermal decomposition can lead to release of irritating gases and vapors.
- Protective equipment for fire fighters:** Wear self contained breathing apparatus.
- Specific Methods:** Standard procedure for chemical fires. Cool containers/tanks with water spray.

**6. ACCIDENTAL RELEASE MEASURES:**

- Personal Precautions:** Wear protective equipment (Rubber boots, Gloves and Apron) and self contained breathing apparatus. Keep people away from an upwind of spill/leak.
- Environmental Protection:** Do not allow in sewer system, also avoid sub soil penetration.
- Methods for cleaning up:** Soak up with inert absorbent material. Shovel into suitable container for disposal. After cleaning, flush away traces with water.

**7. HANDLING AND STORAGE:**

Use only in area provided with appropriate exhaust ventilation. Avoid heat and fumes. Store below 30°C in closed containers. Store in dark, away from oxidizing materials.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION:**

- Respiratory Protection:** In case of insufficient ventilation wear suitable respiratory equipment.
- Ventilation:** Local mechanical exhaust ventilation.
- Protective Gloves:** PVC or other plastic material gloves.
- Eye Protection:** Face shield.
- Other Protective Equipment:** Chemical resistant apron, protective suit, safety shoes.
- Work Hygienic Practices:** Wash thoroughly after handling. Launder contaminated clothing before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

|                                |                                       |
|--------------------------------|---------------------------------------|
| <b>Appearance and Odour:</b>   | Liquid with odour of styrene monomer. |
| <b>Solubility in water:</b>    | immiscible.                           |
| <b>Flash Point:</b>            | 32 - 35°C                             |
| <b>Specific Gravity@ 25°C:</b> | 1.11 – 1.13                           |
| <b>Viscosity @ 25°C:</b>       | 700-800 cps                           |

**10. STABILITY AND REACTIVITY:**

|  |  |
|--|--|
| <b>Stability Indicator:</b>              | Yes  |
| <b>Stability condition to avoid:</b>     | Do not freeze  |
| <b>Materials to avoid:</b>               | Strong oxidizing agents. Never mix organic peroxides with promoters.                             |
| <b>Hazardous decomposition products:</b> | None under normal use. Thermal decomposition may lead to release of irritating gases and vapors. |

**11. TOXICOLOGICAL INFORMATION:**

No information available.

**12. ECOLOGICAL INFORMATION:**

No information available

**13. DISPOSAL CONSIDERATION:**

Consult appropriate Federal, State, and Local regulatory agencies for proper disposal information.  
Keep out of sewers, storm drains, surface waters and soil.

**14. TRANSPORT INFORMATION:**

|                              |                |
|------------------------------|----------------|
| <b>UN-No:</b>                | 1866           |
| <b>Marine pollutant:</b>     | Yes            |
| <b>Proper shipping name:</b> | Resin solution |
| <b>ADR:</b>                  | Class 3        |
| <b>IMO / IMDG:</b>           | Class 3.3      |
| <b>ICAO:</b>                 | Class 3        |

**15. REGULATORY INFORMATION:**

Classification according to European directive on classification of hazardous preparations  
90/492/EEC

**Contains:** Styrene

**Symbol(s):**



- R10 - Flammable
- R20 - Harmful by inhalation
- R36/38 - Irritating to eyes and skin
- S13 - Keep away from food, drink and animal feeding stuffs.

**Remarks:**

The information submitted in this Safety Data Sheet is based on the current knowledge of Orgi chemie at the date of its publication. It is to provide only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. Customers are encouraged to conduct their own tests and are held to check the safety, quality and all other properties of this product prior to use.