

# MATERIAL SAFETY DATA SHEET

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Revision Number: 0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product name:** GEARSYN EP-150  
**Synonyms:** No information available  
**Chemical characterisation:** No data is available on the product itself.

**Supplier:**  
Petrochem Inc.  
6N999 Whispering Trail  
St. Charles, IL 60175  
Phone: (630) 513-6350  
Fax: (630) 513-8324

**Emergency telephone number**

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m <sup>3</sup> ):	OSHA (TWA mg/m <sup>3</sup> ):
1-Decene, Homopolymer, hydrogenated	68037-01-4	None	None

## 3. HAZARDS IDENTIFICATION

**Properties affecting health:** None.  
**Principle routes of exposure:** Skin.  
**Skin contact:** Substance does not generally irritate and is only mildly irritating to the skin.  
**Eye contact:** Contact with eyes may cause irritation.  
**Inhalation:** Avoid breathing vapors or mists.  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

## 4. FIRST AID MEASURES

**General advice:** Consult a physician  
**Skin contact:** Wash off immediately with soap and plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.  
**Inhalation:** In the case of inhalation of aerosol/mist consult a physician if necessary.

**Eye contact:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Ingestion:** Do not induce vomiting without medical advice. Drink 1 or 2 glasses of water. Consult a physician if necessary.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**  
Carbon dioxide (CO<sub>2</sub>), Dry chemical, Water spray mist or foam

**Extinguishing media which must not be used for safety reasons:**  
No information available.

**Special protective equipment for firefighters:**  
Standard procedure for chemical fires

**Specific hazards:** Thermal decomposition can lead to release of irritating gases and vapors  
**Unusual hazards:** No hazards to be especially mentioned  
**Specific methods:** In the event of fire, cool tanks with water spray

**Flash point:** >400 (°F)  
**Method:** Cleveland Open Cup  
**Autoignition temperature:** No information available

**Flammability Limits in Air:**  
**Lower** No information available  
**Upper** No information available

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Contaminated surfaces will be extremely slippery. Wear personal protective equipment.

**Environmental precautions:** Do not flush into surface water or sanitary sewer system.

**Methods for cleaning up:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## 7. HANDLING AND STORAGE

### Handling

**Technical measures/precautions:** No special technical protective measures required.  
**Safe handling advice:** Handle in accordance with good industrial hygiene and safety practice.

### Storage

**Technical measures/storage conditions:** Keep container tightly closed.  
**Incompatible products:** No special restrictions on storage with other products

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**  
Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

**Respiratory protection:** Suitable respiratory equipment:  
**Hand protection:** Preventive skin protection  
**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against this potential effect.  
**Eye protection:** Safety glasses  
**Hygiene measures:** Avoid contact with skin, eyes and clothing.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Liquid
<b>Color:</b>	Amber	<b>Odor:</b>	Slight Sulphurous
<b>Specific gravity:</b>	0.874	<b>Boiling point/range</b>	>600 (°F)
<b>Evaporation rate:</b>	Not determined	<b>Vapor density:</b>	Not determined
<b>Vapor pressure:</b>	Not determined	<b>Solubility:</b>	Insoluble

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions
<b>Polymerization:</b>	Hazardous polymerisation does not occur.
<b>Hazardous decomposition products:</b>	Thermal decomposition can lead to release of irritating gases and vapours.
<b>Materials to avoid:</b>	Oxidising agents.
<b>Conditions to avoid:</b>	Stable at normal conditions.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity** No data available

## 12. ECOLOGICAL INFORMATION

<b>Mobility:</b>	The product is insoluble and floats on water..
<b>Bioaccumulative potential:</b>	Not determined.
<b>Ecotoxicity effects:</b>	The aqueous medium should be given appropriate treatment as waste water in line with local regulations..
<b>Aquatic toxicity:</b>	No information available.

## 13. DISPOSAL CONSIDERATIONS

<b>Waste from residues / unused products:</b>	In accordance with local and national regulations.
<b>Contaminated packaging:</b>	Empty containers should be taken for local recycling, recovery or waste disposal

## 14. TRANSPORT INFORMATION

**DOT**  
Proper shipping name: Not Regulated

**TDG (Canada)**  
Proper shipping name: Not Regulated

**IMO / IMDG**  
Proper shipping name: Not Regulated

## 14. TRANSPORT INFORMATION

### ICAO

Proper shipping name: Not Regulated

### IATA

Proper shipping name: Not Regulated

## 15. REGULATORY INFORMATION

### International Inventories

**PICCS:** This product does not comply with phil:  
**TSCA:** Listed in TSCA  
**DSL:** All of the components in this product are listed in DSL  
**ENCS:** This product does not comply with JPENCS  
**CHINA:** This product complies with china:  
**AICS:** This product does not comply with AICS  
**KECL:** This product does not comply with korea:  
**EINECS/ELINCS** This product complies with EINECS/ELINCS

### U.S. Regulations:

Sara (311, 312) hazard class:

### Canada

**WHMIS hazard class:**  
Non-controlled

## 16. OTHER INFORMATION

<b>NFPA</b>	<b>Health:</b>	1	<b>Flammability:</b>	1	<b>Instability:</b>	0
<b>HMIS</b>	<b>Health:</b>	1	<b>Flammability:</b>	1	<b>Physical Hazard:</b>	0

NFPA symbol:



**Reason for revision:** Not applicable  
**Prepared by:** Health & Safety

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