



# MATERIAL SAFETY DATA SHEET

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Revision Number: 0

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

**Product name:** SYNGEAR 75W/90  
**Synonyms:** No information available  
**Chemical characterisation:** No data is available on the product itself.

**Supplier:**  
Summit Industrial Products  
9010 County Road 2120  
Tyler, Texas 75707  
Phone: (903) 534-8021  
Fax: (903) 581-4376

**Emergency telephone number** CHEMTREC: 1-800-424-9300

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m <sup>3</sup> ):	OSHA:
1-Decene, Homopolymer, hydrogenated	68037-01-4	None	None
Dodecene, Homopolymer hydrogenated	151006-63-2	None	None
1-Dodecene trimer, hydrogenated	151006-62-1	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.

<b>Inhalation:</b>	In the case of inhalation of aerosol/mist consult a physician if necessary.
<b>Eye contact:</b>	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>Ingestion:</b>	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>	Clear	<b>Odor:</b>	Slight Sulphurous
<b>Specific gravity:</b>	0.877	<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

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

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity** No data available

## 12. ECOLOGICAL INFORMATION

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

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:** In accordance with local and national regulations.  
**Contaminated packaging:** 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

**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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