



# SAFETY DATA SHEET

## Full Synthetic SAE 75W-90 Heavy Duty Gear Lubricant

Revised: 07/21/2026

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Full Synthetic SAE 75W-90 Heavy Duty Gear Lubricant  
**Synonyms:** Full Synthetic SAE 75W-90 Heavy Duty Gear Lubricant  
**CAS Number:** 64742-54-7  
**Grade/Purity:** Technical  
**Product Type:** Lubricant  
**Product Use:** Industrial, Manufacturing or Laboratory use  
**Manufacturer/Supplier:** Alliance Chemical, 204 South Edmond St, Taylor, Texas 76574  
**Information:** 512-365-6838 | [www.alliancechemical.com](http://www.alliancechemical.com)  
**Emergency:** CHEMTEL - 800-255-3924 (24 Hours/Day, 7 Days/Week)

### 2. HAZARDS IDENTIFICATION

**Signal Word:** Not Classified

**GHS Pictograms:**

None assigned

**Hazard Statements:**

|                |                                                                                                                                 |
|----------------|---------------------------------------------------------------------------------------------------------------------------------|
| Not Classified | This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). |
|----------------|---------------------------------------------------------------------------------------------------------------------------------|

**Precautionary Statements:**

|      |                                                                       |
|------|-----------------------------------------------------------------------|
| P264 | Wash hands and face thoroughly after handling.                        |
| P280 | Wear protective gloves, protective clothing, and eye/face protection. |

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| COMPONENT                                                 | % MIN | % MAX | CAS #      | EINECS# / ELINCS# | FORMULA | MOLECULAR WEIGHT |
|-----------------------------------------------------------|-------|-------|------------|-------------------|---------|------------------|
| Petroleum Distillates, Hydrotreated Heavy Paraffinic      | 50    | 60    | 64742-54-7 | 265-157-1         | Mixture | Varies           |
| Residual Oils (Petroleum), Solvent Refined                | 10    | 20    | 64742-01-4 |                   | Mixture | Varies           |
| Distillates (Petroleum), Solvent Refined Heavy Paraffinic | 10    | 20    | 64741-88-4 |                   | Mixture | Varies           |

### 4. FIRST-AID MEASURES

|            |                                                                                                                                                                                        |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eyes       | Rinse with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention immediately.                             |
| Skin       | Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing. Wash with soap. Get medical attention immediately.                                |
| Inhalation | Move person to fresh air and keep comfortable for breathing. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately. |
| Ingestion  | Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention immediately.                             |

### 5. FIRE-FIGHTING MEASURES

|                |                                                                                                                 |
|----------------|-----------------------------------------------------------------------------------------------------------------|
| Suitable Media | Use water spray, alcohol-resistant foam, dry chemical, or CO2. Use measures appropriate to local circumstances. |
|----------------|-----------------------------------------------------------------------------------------------------------------|

|                             |                                                                       |
|-----------------------------|-----------------------------------------------------------------------|
| <b>Unsuitable Media</b>     | Do not use a solid water stream as it may scatter and spread fire.    |
| <b>Protective Equipment</b> | Wear self-contained breathing apparatus and full protective clothing. |
| <b>Combustion Products</b>  | May include carbon oxides and other toxic fumes. See Section 10.      |

## 6. ACCIDENTAL RELEASE MEASURES

|                                  |                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Personal Precautions</b>      | Use PPE as described in Section 8. Ensure adequate ventilation. Evacuate personnel to safe areas.       |
| <b>Environmental</b>             | Prevent leakage or spillage from entering drains, sewers, or waterways.                                 |
| <b>Containment &amp; Cleanup</b> | Absorb with inert material. Collect in appropriate waste container. Dispose per applicable regulations. |

## 7. HANDLING AND STORAGE

|                      |                                                                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Safe Handling</b> | Use with adequate ventilation. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Keep container closed when not in use. |
| <b>Safe Storage</b>  | Store in a cool, dry, well-ventilated area. Keep away from incompatible materials (see Section 10). Keep containers tightly closed.                |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** Use adequate ventilation. Provide eyewash stations and quick-drench showers accessible to areas of use.

**Occupational Exposure Limits:**

No established occupational exposure limits.

|                   |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| <b>Eyes</b>       | Wear chemical safety goggles or face shield.                                        |
| <b>Skin</b>       | Wear chemical-resistant gloves and protective clothing.                             |
| <b>Inhalation</b> | Use NIOSH-approved respirator if exposure limits are exceeded or irritation occurs. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                   |                |
|-----------------------------------|----------------|
| <b>Appearance</b>                 | Not Available  |
| <b>Odor</b>                       | Characteristic |
| <b>Median Particle Size</b>       | Not Applicable |
| <b>Particle Size Distribution</b> | Not Applicable |
| <b>Particle Shape</b>             | Not Applicable |
| <b>Surface Area</b>               | Not Applicable |
| <b>Dustiness</b>                  | Not Applicable |
| <b>Hygroscopicity</b>             | Not Applicable |
| <b>pH</b>                         | Not Available  |
| <b>Melting Point</b>              | Not Available  |
| <b>Boiling Point</b>              | Not Available  |
| <b>Flash Point</b>                | Not Available  |
| <b>Vapor Pressure</b>             | Not Available  |
| <b>Specific Gravity</b>           | Not Available  |
| <b>Solubility</b>                 | Not Available  |
| <b>Molecular Formula</b>          | Mixture        |
| <b>Molecular Weight</b>           | Varies g/mol   |

## 10. STABILITY AND REACTIVITY

|                            |                                              |
|----------------------------|----------------------------------------------|
| <b>Chemical Stability</b>  | Stable under recommended storage conditions. |
| <b>Hazardous Reactions</b> | None under normal processing conditions.     |

|                               |                                                                               |
|-------------------------------|-------------------------------------------------------------------------------|
| <b>Conditions to Avoid</b>    | Heat, sparks, open flame, and incompatible materials.                         |
| <b>Incompatible Materials</b> | Strong oxidizing agents, strong acids, strong bases.                          |
| <b>Decomposition Products</b> | May produce carbon oxides and other toxic fumes when heated to decomposition. |

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** See Section 2 for GHS hazard classification.

|             |                           |
|-------------|---------------------------|
| <b>IARC</b> | Not listed as carcinogen. |
| <b>NTP</b>  | Not listed as carcinogen. |
| <b>OSHA</b> | Not listed as carcinogen. |

## 12. ECOLOGICAL INFORMATION

|                         |                                                       |
|-------------------------|-------------------------------------------------------|
| <b>Ecotoxicity</b>      | Data not available. Avoid release to the environment. |
| <b>Persistence</b>      | Not Available                                         |
| <b>Bioaccumulation</b>  | Not Available                                         |
| <b>Mobility in Soil</b> | Not Available                                         |

## 13. DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with applicable federal, state, and local regulations. Do not dispose of into drains or waterways.

## 14. TRANSPORT INFORMATION

|                         |                                   |
|-------------------------|-----------------------------------|
| <b>US DOT</b>           | Not regulated as dangerous goods. |
| <b>IMDG</b>             | Not regulated as dangerous goods. |
| <b>IATA/ICAO</b>        | Not regulated as dangerous goods. |
| <b>Marine Pollutant</b> | No                                |

## 15. REGULATORY INFORMATION

|                                                                                                                              |                                           |
|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| <b>Regulatory listings not yet on file in this system; consult OSHA, EPA TSCA, EPCRA TRI, and California OEHHA directly.</b> |                                           |
| <b>SARA 311/312</b>                                                                                                          | See Section 2 for hazard classifications. |

## 16. OTHER INFORMATION

**Revision Date:** 07/21/2026

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