

Safety Data Sheet

Semi-Synthetic Gear Oil 75W-90

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : Semi-Synthetic Gear Oil 75W-90
Supplier : ValPar
PO Box 3856, Hwy #1 East
Regina, SK S4P 3R8
CANADA
Telephone : 877-685-4886
Product/MSDS Information : 306-791-5911
Canutec (24 hr) : 613-996-6666



2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	TLV(ACGIH)	CAS NUMBER	AMOUNT
1-Decene, Homopolymer, Hydrogenated Base	5mg/m3 (oil mist)	Mixture	85-95% weight

3. HAZARDS IDENTIFICATION

Principle Hazards : Causes eye and skin irritation

4. FIRST AID MEASURES

Eye : Flush eyes with water for at least 15-20 minutes. Seek medical attention if irritation develops.

Skin : Wash immediately with soap and water. Remove contaminated clothing and launder before reuse. Discard shoes and leather articles saturated with the product... Obtain medical advice if irritation occurs.

Ingestion : DO NOT INDUCE VOMITING. If conscious, give 2 glasses of water. If vomiting does occur, keep head below hips to reduce risk of aspiration. Get immediate medical attention.

Inhalation : Remove exposed person to fresh air. If breathing has stopped apply artificial respiration. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Flammable Properties

- Flashpoint** : 204 °C (399 °F) Minimum
- Method** : COC ASTMD-92
- Autoignition** : Not determined
- Flammability (Explosive) Limits** : Lower: No data available
Upper: No data available

Extinguishing Media

- Suitable** : Dry Chemical, Carbon Dioxide, alcohol foam and halon.

Protection of Fire Fighters

- Fire Fighting Instructions** : Full bunker gear recommended including a positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Spill Management** : Isolate spill area. Provide adequate ventilation. Wear appropriate personal protection. Recover free product for recycle and/or disposal. Add sand, earth or other suitable absorbent to spill area. Prevent other Regulatory Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spill.

7. HANDLING AND STORAGE

- Handling** : Keep containers close. Avoid contact with eyes, skin or clothing. Wash hands after handling. Empty container may retain product residue which may exhibit hazards of product.
- Storage** : Keep away from heat or flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

- Eye/Face Protection** : Use splash goggles or face shield where splashing is expected or can occur.
- Skin Protection** : Use Viton or Nitrile gloves to avoid prolonged or repeated skin contact.
- Respiratory Protection** : Use a NIOSH approved respirator when necessary.

- Ventilation** : Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.

- Exposure** : The Threshold Limit Value (TLV) of 5 mg/m³ is suggested for oil mist.

9. PHYSICAL AND CHEMICAL PROPERTIES

Attention: the data below are typical values and do not constitute a specification.

Color	:	Light Amber
Physical State	:	Liquid
Odor	:	Aromatic, Hydrocarbon odor
Odor Threshold	:	Not determined
Solubility	:	Negligible solubility in water
Specific Gravity	:	0.880
Fire Point	:	214 °C (417 °F)
Coefficient of Water/		
Oil Distribution	:	Not determined
Volatility (Volume)	:	Unknown
VOC	:	Unknown
pH	:	Not determined
Viscosity, cST @ 100 °C	:	13.50 - 18.54
Viscosity, cST @ 40 °C	:	109 - 284

10. STABILITY AND REACTIVITY

Chemical Stability	:	Stable under moderately elevated temperatures and pressures.
Incompatibility with Other Materials	:	Avoid contact with strong oxidants.
Hazardous Decomposition Products	:	Toxic oxides of carbon, aldehydes and other products of incomplete combustion.
Hazardous Polymerization	:	Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Exposure

Eye Irritation	:	Moderate to strong eye irritation. Based on data from components or similar material.
Skin Irritation	:	Not expected to be a primary skin irritant, based on data from components or similar material. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, defatting, and cracking of skin.
Respiratory Irritation	:	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract similar to that observed with the mineral oil. Based on data from components or similar materials. Under good industrial hygiene practices where all exposure limits are observed, respiratory irritation should not be a problem.

Chronic Exposure

- Chronic Toxicity** : No data available to indicate product present at greater than 1.0% are chronic health hazards.
- Carcinogenicity** : No data available to indicate product present at greater than 1.0% are a carcinogenic hazard.
- Mutagenicity** : No data available to indicate product present at greater than 1.0% present a mutagenic or genotoxic hazard.
- Reproductive Toxicity** : No data available to indicate product present at greater than 1.0% a reproductive hazard.
- Teratogenicity** : No data available to indicate product present at greater than 1.0% present a teratogenicity hazard.

Additional Information

- Exposure Limits** : Under conditions which may generate mists, observe the OSHA PEL of 5 mg/m³. ACGIH STEL of 10mg/m³.

12. ECOLOGICAL INFORMATION

No data available on the adverse effects of this product on the environment.

13. DISPOSAL CONDITIONS

Dispose of in accordance with all local, provincial and federal regulations.

14. TRANSPORT INFORMATION

This product is not classified as hazardous material for DOT shipping. For further information relative to spills, resulting from transportation incidents, refer to the latest DOT Emergency Response Guidebook for Hazardous Materials Incidents, DOT 5800.3

15. REGULATORY INFORMATION

- OSHA** : Not Applicable
- CERCLA** : Not Applicable
- Sara (Section 313)** : Not Applicable
- Sara Extremely Hazardous List** : This product does not contain greater than 1.0% of any chemical substance on this list.
- TSCA Inventory** : All components of this material are on the U.S. TSC TSCA Inventory.
- California Prop 65** : This product does not contain any chemical known to the State of California to cause cancer.
- Canada** : All components are in compliance with the Canadian Environmental Protection Act. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Abbreviations that may have been used in this document:

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| TWA | : | Time Weighted Average is the employee's average airborne exposure in any 8- hour work shift of a 40-hour work week which shall not be exceeded. |
| STEL | : | Short term Exposure Limit is the employee's 15-minute time weighted average exposure which shall not be exceeded at any time during a work day unless another time limit is specified. |

The information contained in this msds relates only to the specific material identified. It does not cover use of that material in combination with any other material or in any particular process in compliance with 29 CFR 1910.1200(g). ValPar has prepared this MSDS in segments, with the intent that those segments be read together as a whole without textual omissions or alterations, ValPar believes this information contained herein to be accurate, but makes no representation, guarantee, or warranty, express or implied, about the accuracy, reliability, or completeness of the information or about the fitness of contents herein for either general or particular purposes. Persons reviewing this msds should make their own determination as to the material's suitability and completeness for use in their particular applications.