

Safety Data Sheet

Heavy Duty Gear Oil 80W-90

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : Heavy Duty Gear Oil 80W-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
NFPA Code : **Health:** 0 **Fire:** 1 **Reactivity:** 0
HMIS System : **Health:** 0 **Flammability:** 1 **Reactivity:** 0



2. COMPOSITION/INFORMATION ON INGREDIENTS

Note: This material is not known to contain any chemicals listed as a carcinogen or suspected carcinogen by OSHA, IARC or the National Toxicology Program (NTP) at a concentration greater than 0.1%. Contains refined petroleum oil and selected additives. This material is non-carcinogenic as defined by OSHA, IARC, or NTP.

TLV : 5 mg/m³ as oil mist

3. HAZARDS IDENTIFICATION

Eye : May be an eye irritant.
Skin : Possible redness may result from prolonged exposure.
Oral : Minimal hazard. Oral toxicity greater than 5,000 mg/kg

4. FIRST AID MEASURES

Eye : Flush with large amounts of water. If irritation persists, get medical attention.
Skin : Wash with soap.
Inhalation : Remove to fresh air. See physician if irritation persists.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flashpoint : 216 - 246 °C (420.8 - 474.8 °F)
Flammability (Explosive) Limits : Lower: No data available
Upper: No data available

Extinguishing Media

Suitable : Use water spray, water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Protection of Fire Fighters

Fire Fighting Instructions : Cool Containers with H₂O and remove fire exposure.
Combustion Products : Empty containers could contain flammable vapours.

6. ACCIDENTAL RELEASE MEASURES

Spill Management : Wear chemical splash goggles, and rubber boots. Prevent entry into sewers and waterways. Pickup free liquid for recycle/disposal. Absorb small amounts of inert material for disposal

7. EXPOSURE CONTROLS/PERSONAL PROTECTION**Personal Protective Equipment**

Eye/Face Protection : Not usually required, but goggles recommended.
Skin Protection : Oil impervious gloves recommended.
Respiratory Protection : Normal shop ventilation adequate.
Other (Safety Showers, etc.) : Launder contaminated clothing before reuse. Wash skin thoroughly after handling. Avoid prolonged contact.

8. PHYSICAL AND CHEMICAL PROPERTIES

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

Color : Amber
Physical State : Liquid
Odor : Mild hydrocarbon odor
Vapor Pressure : >1 mm Hg
Vapor Density (Air = 1) : No Data Available
Solubility : Slight
Specific Gravity : <1.00 @ 15.5°C (59.9°F)
Percent Volatile : No Data Available
Evaporation Rate : No Data Available

9. STABILITY AND REACTIVITY

Chemical Stability : This material is considered stable.
Incompatibility with Other Materials : May react with oxidizing agents.
Hazardous Decomposition

Products : Oxides of carbon, nitrogen, phosphorus and hydrogen sulfide.
Hazardous Polymerization : Hazardous polymerization will not occur.

10. DISPOSAL CONDITIONS

Disposal should be in compliance with federal, provincial and local laws.

11. TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and modespecific or quantity-specific shipping requirements.

DOT Proper Shipping Name : Not Applicable
DOT Hazard Class : Not Applicable

12. OTHER INFORMATION

Creation Date : January 01, 2012

Abbreviations that may have been used in this document:

TLV : Threshold Limit Value
MSDS : Material Safety Data Sheet
DOT : Department of Transportation (USA)
NTP : National Toxicology Program (USA)
IARC : International Agency for Research on Cancer
OSHA : Occupational Safety and Health Administration
CFR : Code of Federal Regulations

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