



MATERIAL SAFETY DATA SHEET

CHAMPION MSDS: HD 80W90 GEAR LUBE (4120)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHAMPION HD 80W90 GEAR LUBE (4120)

Champion Brands, L.L.C.
516 Price Lane
Clinton, MO 64735
660/885-8151

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|------------------------|---------------------------------|
| CAS Registry Number | Not Applicable |
| Synonyms | None |
| Generic/Chemical Name | Mixture |
| Product Type | Petroleum Based Lubricating Oil |
| Preparation Date | November 6, 2002 |
| Trans. Emergency Phone | (Chemtrec) 1-800-424-9300 |

2. COMPOSITION/INFORMATION ON INGREDIENTS

| WT% | NAME | CAS NO. | TWA | STEL |
|--------|---------------|------------|-----------------------|------|
| 90-100 | Petroleum Oil | 64742-65-0 | 5.0 mg/m ³ | - |

3. HAZARD IDENTIFICATION

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| Eyes | Contact with material or exposure to vapors is expected to cause irritation. |
| Inhalation | High concentrations of vapor mist may irritate respiratory tract (nose, throat, and lungs). |
| Skin | Direct contact with material may cause irritation. A single, prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts. |
| Ingestion | May cause throat irritation, nausea, vomiting, and diarrhea. |
| Medical Conditions Aggravated By Exposure | Individuals with pre-existing lung or skin disorders may have increased susceptibility to the effects of exposure. |
| Chronic Exposure | Prolonged or repeated skin contact may cause drying, cracking, or dermatitis. Prolonged or repeated inhalation of oil mist may cause oil pneumonia, lung tissue inflammation, and fibrotic tissue formation. |
| Cancer | Not a carcinogenic risk. |

4. FIRST AID MEASURES

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| Eye | Flush with water for 15 minutes. Get immediate medical attention. |
| Skin | Remove contaminated clothing. Wash affected are with soap and water. Seek medical attention if irritation or pain persists. |
| Inhalation | Remove to fresh air. If breathing is difficult give oxygen. If not breathing, give CPR. Seek medical attention if breathing is difficult. |
| Ingestion | Do not induce vomiting. Seek immediate medical attention. |
| Note to Physician | Treat symptomatically. Call medical emergency number for additional information. |

5. FIRE FIGHTING MEASURES

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| Flash Point | >300°F COC |
| Lower Explosive Limit | Not Determined |
| Upper Explosive Limit | Not Determined |
| Extinguishing Media | CO ₂ , Dry Chemical, Foam, and Water Vapor |
| Fire Fighting Instructions | Wear NIOSH Approved SCBA and full protective equipment. Water may be ineffective in fighting an oil fire unless used by experienced fire fighter. |
| Fire Explosion Hazard | Never have product or drums of product near an open flame. Product may ignite. |
| Autoignition Temperature | Not Determined |

6. ACCIDENTAL RELEASE INFORMATION

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| Small Spill | Use sweeping compound to absorb material. |
| Large Spill | Use appropriate personal protective equipment. Prevent runoff into sewers, land, or bodies of water. If runoff occurs, notify the proper authorities. Dike spill with absorbent booms and pump excess into reclaim tank. Remains can be recovered with absorbent clay. |

7. HANDLING AND STORAGE

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| Handling | Keep away from intense heat, sparks, or flame. Avoid contact with eyes, skin, clothing, or shoes. Use in well ventilated areas. Do not breath vapor or mist. |
| Shipping and Storage | Keep container tightly closed when not in use and during transport. Store in a cool dry place. Do not pressurize, cut, weld, braze, solder, drill, grind or expose to intense heat, flame sparks, or other sources of ignition. Empty containers may retain product residue and can be dangerous. |

Personal Hygiene Wash thoroughly with soap and water after handling, and before eating, drinking, or using tobacco products. Clean contaminated clothing, shoes, and protective equipment before reuse.

8. EXPOSURE CONTROL/PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls Under normal use not necessary. For abnormal use situations, use necessary ventilation to maintain vapor and mist levels below permissible exposure levels.

Glove Protection Not normally required. If exposure is prolonged or repeated, use of nitrile gloves is recommended.

Eye Protection Not normally required. If misting or splashing occurs, safety goggles should be worn.

Respiratory Protection Not normally required. If unusual operating conditions exist and create a concentration above the PEL, a NIOSH approved respirator should be worn.

Clothing Long sleeve shirts and pants are recommended. Regular laundering of clothing is suggested to reduce skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure Not determined

pH Not determined

API Gravity 27.0 @ 60°F

Boiling Point Not determined

Evaporation Rate Not determined

Appearance Bright and clear.

State Liquid

Color Amber/Brown

Odor Oily

Viscosity 14.0-15.5 cSt @ 100°C

10. STABILITY AND REACTIVITY

Stability Stable under normal temperatures and pressures. Avoid intense heat, sparks, or flame.

Incompatibility Avoid oxidizing agents.

Reactivity Polymerization is not known to occur under normal temperatures and pressures.
Not reactive with water.

Hazardous Decomposition Products None under normal temperatures and pressures.

11. TOXICOLOGICAL INFORMATION

Sensitization No known sensitization associated with material.

Carcinogenicity Not classified as a carcinogenic risk.

Reproductive Toxicity No known reproductive toxicity associated with material.

Teratogenicity No known reproductive toxicity associated with material.

Mutagenicity Experimental evidence suggests material is not mutagenic.

Toxicologically Synergistic Products None

12. ECOLOGICAL INFORMATION

Not Available

13. DISPOSAL INFORMATION

Waste Disposal Dispose in accordance with all applicable federal, state, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste

14. TRANSPORTATION INFORMATION

DOT Not Regulated

15. REGULATORY INFORMATION

Not Provided

16. DISCLAIMER

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