

Boss Lubricants: Material Safety Data Sheet

Product Trade Name: BOSS Synthetic Industrial EP Gear Lubricants
Revision Date: January 1, 2012
Transportation: Emergency Phone Number (800) 844-9457 (Boss)
Chemical Name: Petroleum oil blend
NFPA Code: Health: 0 Fire: 1 Reactivity: 0
HMIS System: Health: 0 Flammability: 1 Reactivity: 0

Section 1 – Hazardous Ingredients

This material is not known to contain any chemical listed as a carcinogen or suspected carcinogen by OSHA, IARC or the National Toxicology Program (NIP) at a concentration greater than 0.1%.

Contains refined petroleum oil and selected additives.

Section 2 – Fire and Explosion Hazards

Flash point, °C: 236 - 240
Upper Flammable Limit: Not determined
Lower Flammable Limit: Not determined
Extinguishing Media: CO₂, dry chemical; foam; water spray; water fog
Special Firefighting Procedures: Cool containers with H₂O and remove from fire exposure
Unusual fire & Explosion Hazards: Empty containers could contain flammable vapours

Section 3 – Health Hazard Data

Oral Toxicity: Minimal hazard. Oral toxicity greater than 5,000 mg/kg
Eye Irritation: May be an eye irritant
Skin Irritation: Possible redness and defatting may result from prolonged exposure.
Other: Unknown
TLV: 5 mg/m³ as oil mist

Emergency First Aid Procedures:

Skin: Wash with soap and water.
Eye: Flush with large amounts of water. If irritation persists, get medical attention
Inhalation: Remove to fresh air. See physician if irritation persists
Oral: Call physician. Do not induce vomiting.
Additional: None.

Section 4 – Special Protection Information

Ventilation Procedure: Normal shop ventilation adequate.
Glove protection: Oil impervious gloves recommended.
Eye protection: Not usually required, but goggles recommended.
Other Protection: None required.

Section 5 – Physical Data

Vapour Pressure: < 1mm Hg.
Specific Gravity: <1.00 @ 15.6°C
Water Solubility: Slight
Percent Volatile: Not determined
Vapour Density: Not determined
Evaporation Rate: Not determined
Odor: Mild sulfurized
Appearance: Amber liquid

Section 6 - Stability

Stability: Stable
Incompatibility: Oxidizing agents
Polymerization: Will not occur
Thermal Decomposition: Oxides of carbon, nitrogen, hydrogen sulfide.

Section 7 – Spill or Leak Procedures

Spill Procedures: Wear chemical splash goggles. Wear rubber boots. Prevent entry into sewers and waterways. Pick up free liquid for recycle / disposal.
Waste Disposal: If disposed of, this material may be hazardous for disposal under RARA due to reactivity. Disposal should be in compliance with federal, state and local Laws.

Section 8 – Special Precautions

Special Precautions: Launder contaminated clothing before reuse. Wash skin thoroughly after handling. Avoid prolonged contact

Section 9 – Transportation and Labelling

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

Section 10 – Other Regulatory Information

SARA SEC 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the emergency planning and community right-to-know ACT of 1986 and of 40CFR372:

CASH#	Chemical Name	Weight
NONE		

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Section 11 - Section Preparation

Date: February 08, 2006
Prepared By: Technical Services
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BOSS SYNTHETIC INDUSTRIAL EP GEAR LUBRICANTS