

Boss Lubricants: Material Safety Data Sheet

Date prepared: January 1, 2012

PRODUCT NAME: Rock Drill Lubricants 22, 68, 100
TRANSPORTATION: EMERGENCY PHONE # (CHEMTREC): (300) 424-9300
CHEMICAL NAME: Petroleum oil blend
NFPA CODE: Health: 0 Fire: 1 Reactivity: 0
HMIS SYSTEM: Health: 0 Flammability: 1 Reactivity: 0

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 selective additives

2. Fire and Explosion Hazards

FLASH POINT, °C 195
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 vapors.

3. Health Hazard Data

ORAL TOXICITY: Minimal hazard. Oral toxicity greater than 5,000mg/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.

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.

5. Physical Data

VAPOR PRESSURE: >1mm Hg.
SPECIFIC GRAVITY: <1.00 @ 15.5°C
WATER SOLUBILITY: Slight
PERCENT VOLATILE: Not determined
VAPOR DENSITY: Not determined
EVAPORATION RATE: Not determined
ODOR: Mild sulfurized
APPEARANCE: Amber liquid

6. Stability

STABILITY: Stable
INCOMPATIBILITY: Oxidizing agents
POLYMERIZATION: Will not occur
THERMAL DECOMPOSITION: Oxides of carbon, nitrogen; hydrogen sulfide

7. Spill or Leak Procedures

SPILL PROCEDURES: Wear chemical splash goggles. Wear rubber boots. Prevent entry into sewers and waterways. Pick up free for recycle/disposal. Absorb small amounts on inert material for disposal.
WASTE DISPOSAL: If disposed of, this material may be hazardous for disposal under RCRA due to reactivity. Disposal should be in compliance with federal, state and local laws.

8. Special Precautions

SPECIAL PRECAUTIONS: Launder contaminated clothing before reuse. Wash skin thoroughly after handling. Avoid prolonged contact.

9. Transportation and Labeling

DOT PROPER SHIPPING NAME: Not applicable
DOT HAZARD CLASS: Not applicable

10. Preparation

Date Prepared: May 1, 2003
Prepared by: Technical Services
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BOSS ROCK DRILL LUBRICANTS