



**HANDLING PRECAUTIONS**

Use product with caution around heat, sparks, pilot lights, static electricity and open flame.

**FLAMMABLE OR EXPLOSIVE LIMITS (APPROXIMATE PERCENT BY VOLUME IN AIR)**

Estimated values: Lower Flammable Limit N/D Upper Flammable Limit N/D

**EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES**

Use water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures. Minimize breathing gases, vapor, fumes, or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces, or as otherwise needed.

**DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS**

SULFUR OXIDES, MOLYBDENUM DSULFIDE, FUMES, SMOKE, AND PARTICALLY BURNED HYDROCARBONS

**SECTION 5 - HEALTH AND HAZARD INFORMATION**

**VARIABILITY AMONG INDIVIDUALS**

Health studies have shown that many petroleum and synthetic lubricants pose potential human risks which vary from person to person. As a precaution, exposure to liquids, vapors, mists, or fumes should be minimized.

**EFFECTS OF OVEREXPOSURE (SIGNS AND SYMPTOMS OF OVEREXPOSURE)**

Prolonged or repeated skin contact may cause skin irritation.

**TOXICITY AND SARA TITLE III INFORMATION**

ANTIMONY COMPOUNDS. ANTIMONY CONTENT 0.5 % WT.

LITHIUM SOAPS. LITHIUM CONTENT 3.00 % WT

MOLYBDENUM DSULFIDE. MOLYBDENUM CONTENT 5.00 % WT.

**SECTION 6 - PHYSICAL/CHEMICAL CHARACTERISTICS**

The following data are approximate or typical values and should not be used for precise design purposes.

**BOILING POINT:**

IBP Approximately  
N/D by ASTM D 2887

**VAPOR PRESSURE (mm Hg.):**

Less than 0.01 mm Hg. @ 20EC

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):**

0.959

**VAPOR DENSITY (AIR=1):**

Greater than 5

**pH**

Essentially neutral

**PERCENT VOLATILE BY VOLUME:**

Negligible from open container in 4  
hours @ 38EC (100EF)

**POUR, CONGEALING OR MELTING POINT**

N/D

**EVAPORATION RATE:**

N/D

**VISCOSITY**

SOLUBILITY IN WATER: @ 1 Atm. and 25EC

**NLGI #2**

25EC (77EF) Negligible

**SECTION 7 - REACTIVITY DATA**

This product is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

SECTION 8 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Recover free product. Add sand, earth, or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas. Assure conformity with applicable governmental regulations.

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SECTION 9 - PROTECTION AND PRECAUTIONS

VENTILATION

Use local exhaust to captures vapor, mists, or fumes, if necessary. Provide ventilation sufficient to prevent exceeding exposure limit or buildup of explosive concentrations of vapor in air. Use explosion proof equipment. Restrict smoking in area.

RESPIRATORY PROTECTION

Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

PROTECTIVE GLOVES

Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

EYE PROTECTION

Use splash goggles or face shield when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT

Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

WORK PRACTICES / ENGINEERING CONTROLS

Keep containers and storage vessels closed when not in use. DO NOT store near heat, sparks, flame, or strong oxidants.

PERSONAL HYGIENE

Minimize breathing of vapor, mist, or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry clean before reuse. Remove contaminated shoes and thoroughly clean before reuse; discard if oil soaked. Clean skin thoroughly after contact, before breaks or meals, and at the end of the work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

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SECTION 10 - TRANSPORTATION INFORMATION

TRANSPORTATION INCIDENT INFORMATION

For further information relative to spills resulting from transportation incidents, refer to the latest Department of Transportation Emergency Response Guidebook for Hazardous Materials Incidents, DOT 5800.3.

DOT IDENTIFICATION NUMBER

Not applicable

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