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Revised edition no : 2

Date: 10 / 31 / 2008

Supersedes: 12 / 10 / 2007

Bel-Ray Molylube Friction Modifier

68700

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Trade name : Bel-Ray Molylube Friction Modifier.

Identification of the product : Lubricant oil.

Use : See product data sheet for detailed application.

Company identification : Bel-Ray Company, Inc.

P.O. Box 526

Farmingdale NJ 07727 United States of America

Telephone: +1 732 938 2421

Emergency phone no : CHEMTREC: 800-424-9300 (USA); +1 703-527-3887 (outside USA-call collect)

2 COMPOSITION / INFORMATION ON INGREDIENTS

Components / Impurities : Bel-Ray Molylube Friction Modifier : Dangerous product.

Mixture : Mineral oil <3% DMSO Extractables, Synthetic oil, Additives.

Substance name CAS No EC No Index No Classification *** 1317-33-5 215-263-9 Molybdenum Disulfide 10 to 25 % 051-003-00-9 Xn; R20/22 Xi; R36/38 10 to 25 % 15874-48-3 240-001-5 Antimony O, Odipropylphosphorodithioate N: R51-53 10 to 25 %

Interchangeable base oils, one or more: 64742-01-4, 64742-54-7, 64741-

more: 64742-01-4, 64742-54-7, 88-4, 64742-52-5

88-4, 64742-52-5

*** List of relevant R phrases. See Heading 16 : OTHER INFORMATION

Other information ; SARA Section 313 Chemical Listing: See Heading 15.

3 HAZARDS IDENTIFICATION

Primary route of exposure : Eyes. Skin.

• Inhalation : May cause irritation to the respiratory tract.

Skin contact
 Eye contact
 Irritating to skin.
 Irritating to eyes.
 Ingestion
 May cause irritation.

NFPA Hazard Ratings : Health : 2 - WARNING : May be harmful if inhaled or absorbed.

Flammability: 1 - Combustible if heated.

Reactivity: 0 - Stable: Not reactive when mixed with water.

Special Notice Key: -- - ---

4 FIRST AID MEASURES

First aid measures : If overcome by exposure, remove victim to fresh air immediately. Seek medical

advice (show the label where possible).

• Inhalation : Remove casualty to fresh air and keep at rest. Call a physician.

• Skin contact : Wash skin thoroughly with mild soap and water. Seek medical attention if ill effect

or irritation develops.

• Eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Ensure

adequate flushing of eyes by separating eyelids with the fingers. Obtain emergency

medical attention if pain, blinking, tears or redness persist.

• Ingestion : Never give anything by mouth to an unconscious person. Rinse mouth with water,

do not induce vomiting, call a doctor.

Note to physician : Treat symptomatically.

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5 FIRE-FIGHTING MEASURES

Hazardous combustion products

Suitable extinguishing media

• Unsuitable extinguishing media

Protection against fire Special procedures

: Incomplete combustion may form carbon monoxide, carbon dioxide, gas.

: Carbon dioxide. Dry powder. Foam.

: Use of heavy stream of water may spread fire.

: Use self-contained breathing apparatus when in close proximity to fire.

: Fight fire from safe distance and protected location.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions

: Eliminate every possible source of ignition. Ensure adequate ventilation. Ventilate confined spaces before entering. Equip cleanup crew with proper protection.

Environmental precautions

Clean up methods

: Prevent entry to sewers and public waters.

Clean up any spills as soon as possible, using an absorbent material to collect it. Take up small spills with dry chemical absorbent. Take up large spills with pump or vacuum. Sweep or shovel spills into appropriate container for disposal. Dispose in a safe manner in accordance with local/national regulations.

7 HANDLING AND STORAGE

Precautions in handling and storage

Storage

: When using, do not eat, drink, or smoke.

: Store in dry, cool, well-ventilated area. Provide adequate ventilation to minimize

dust and/or vapour concentrations. Keep only in the original container.

: Strong oxidizers. Sparks. Heat sources. Prolonged exposure to sunlight. Storage - away from

Combustible material. Sources of ignition. Keep away from ignition sources (

including static discharges).

: Handle in accordance with good industrial hygiene and safety procedures. Handling

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection

Respiratory protection

Hand protection

Skin protection

 Eye protection • Ingestion

Industrial hygiene

Occupational Exposure Limits

: Ensure adequate ventilation.

: Where exposure through inhalation may occur from use, approved respiratory protection equipment is recommended.

: Wear suitable gloves resistant to chemical penetration.

: If skin contact or contamination of clothing is likely, protective clothing should be

: Chemical goggles or safety glasses.

: When using, do not eat, drink, or smoke.

: Handle in accordance with good industrial hygiene and safety procedures.

Interchangeable base oils, one or more: 64742-01-4, 64742-54-7, 64741-88-4.

64742-52-5 : TLV@ -TWA [mg/m3] : 5

Antimony O, O- dipropylphosphorodithioate: TLV© -TWA [mg/m³]: 0.5 (as

Antimony compound)

Molybdenum Disulfide: TLV© -TWA [mg/m³]: 3 (Respirable) Molybdenum Disulfide: TLV© -TWA [mg/m³]: 10 (Inhalable) When mists can occur, the following are recommended:

Oil Mist, mineral: TLV©-TWA [mg/m3]: 5

STEL: 10

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9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20 °C : Semi- Fluid. **Colour** : Dark Grey.

Odo(u)r : Light odour of petroleum.

Density: 1023 kg/m3Solubility in water: Negligible.

Solubility in: : Oil.

Flash point [°C] (ASTM D 93) : 175 (347°F) PMCC

Explosion limits : No reliable data available.

Evaporation rate : No reliable data available.

10 STABILITY AND REACTIVITY

Stability and reactivity : Stable under normal conditions.

Hazardous decomposition products : • Antimony O, O- dipropylphosphorodithioate is contained in this product, which can

release odorous compounds such as alkylmercaptans, dialkylsulfides, and traces of

hydrogen sulfide from processing or thermal decomposition.

Carbon dioxide, carbon monoxide, others.

Materials to avoid : Strong oxidizers.

Conditions to avoid : Combustible material. All heat sources, including direct sunlight. Open flame.

Sparks. Keep away from ignition sources (including static discharges).

11 TOXICOLOGICAL INFORMATION

Toxicity information : Product not tested. No reliable data available.

• Inhalation : May cause irritation to the respiratory tract.

Dermal : Irritating to skin.
 Ocular : Irritating to eyes.
 Ingestion : May cause irritation.

Rat oral LD50 [mg/kg] : Product not tested. No reliable data available.

Rabbit dermal LD50 [mg/kg] : Product not tested. No reliable data available.

12 ECOLOGICAL INFORMATION

Ecological effects information: This product has not been tested for environmental effects. Low mobility (soil).

Material insoluble in water.

Bioaccumulative potential : Product not tested. No reliable data available. **Persistence - degradability** : Product not tested. No reliable data available.

CERCLA (US) : No known reportable quantities.

13 DISPOSAL CONSIDERATIONS

General : Dispose in a safe manner in accordance with local/national regulations.

Disposal method : Material, as supplied, is not a U.S. EPA hazardous waste. Some states may regulate the disposal of petroleum and petroleum products. DO NOT INCINERATE

AEROSOL CANS. Processing, use, or contamination may make this information

inaccurate or incomplete.

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14 TRANSPORT INFORMATION

: Not regulated. DOT (USA)

15 REGULATORY INFORMATION

SARA TITLE III Section 311/312

SARA TITLE III Section 313

: Immediate (Acute)

• Antimony O, O- dipropylphosphorodithioate as Antimony Compound N010

Lead CAS 7439-92-1

New Jersey Right-To-Know

• Antimony O, O- dipropylphosphorodithioate as Antimony Compound N010

: Not listed by NTP, IARC or OSHA. Carcinogen classification

State of California

: This product contains chemicals known to the State of California to cause cancer,

and/or birth defects, and/or reproductive harm.

• Benzene CAS 71-43-2 • Lead CAS 7439-92-1 • Arsenic CAS 7440-38-2 • Cadmium CAS 7440-43-9

Other

: Certified Kosher by Tablet K.

Customers are reminded to check their state list of hazardous chemicals for proper

disclosure and reporting of chemical substances.

16 OTHER INFORMATION

Recommended uses and restrictions : Contact the producer or distributor. See product data sheet for detailed application.

List of relevant R phrases

: R20/22 - Harmful by inhalation and if swallowed. R36/38 - Irritating to eyes and skin.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.

NOTE : October 31, 2008: Revised

Revision : 2

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Prepared by : Regulatory Department

Bel-Ray Company, Inc.

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