

*Universal* Thread Grinding Company  
30 Chambers Street  
Fairfield, CT 06825  
TEL: (203) 336-1849 FAX: (203) 366-1326

## MATERIAL SAFETY DATA SHEET

Universal B-3 Leadscrew Oil

October 1, 2008

### Section 1 - Company Identification

Universal Thread Grinding Company  
30 Chambers Street  
Fairfield, CT 06825  
Emergency Phone: (203) 336-1849

### Section 2 - Product Identification

**Product Name:** Universal B-3 Leadscrew Oil  
**Chemical Family:** Severely refined mineral oil and additives  
**Product Use:** Lubricating oil  
**NFPA:** Health - 1, Flammability - 1, Reactivity - 0

### Section 3 - Precautionary Information

May cause eye irritation. Prolonged and/or repeated skin contact may cause irritation. Inhalation of mist or vapor may be irritating.

### Section 4 - Composition/Information On Ingredients

COMPONENTS	OSHA PEL	ACGIH TLV	ACGIH STEL	CAS #
Solvent Dewaxed Heavy Paraffinic Distillate	5mg/m <sup>3</sup> *	5mg/m <sup>3</sup> *	10mg/m <sup>3</sup> *	6472-65-0
Antimony & Compounds (as Sb)	0.5mg/m <sup>3</sup> *	0.5mg/m <sup>3</sup> *	n/e	NJTSRN 800983-5015P

\*oil mist      n/e - not established

None of the components of this product at concentrations greater than or equal to 0.1% are listed as a carcinogen or potential carcinogen by NTP, IARC, OSHA.

This Material Safety Data Sheet (MSDS) has been prepared under guidelines in OSHA Hazard Communication Standard 29 CFR 1910.1200.

### Section 5 - Potential Health Effects

**Eye:** Product contacting the eyes may cause irritation.

**Skin:** Prolonged and/or repeated skin contact may cause irritation.

**Ingestion:** Do not induce vomiting. Small amounts aspirated into lungs during ingestion or vomiting may cause mild to severe pulmonary injury.

**Inhalation:** Not expected to be a route of exposure due to low volatility of product. At elevated temperatures, vapors or mists may be produced which may cause irritation to the respiratory tract.

**Chronic effects of overexposure:** Prolonged and/or repeated exposure may cause irritation to the skin, eyes or respiratory tract.

**Primary routes of entry:** Eye, Skin, Inhalation, Ingestion

### Section 6 - First Aid

**Skin:** Remove and contaminated clothing. Wash thoroughly for 15 minutes with soap and water. If irritation occurs, get medical attention.

**Eyes:** Immediately flush with plenty of water for 15 minutes. If irritation occurs, get medical attention.

**Ingestion:** Do not induce vomiting. Get medical attention.

**Inhalation:** If respiratory discomfort or irritation occurs, move the person to fresh air. Get medical attention.

### Section 7 - Employee Protection

**Respiratory:** None under normal conditions. NIOSH-approved supplied-air respirator when exposed to mists or vapor from heated material.

**Ventilation:** Mechanical (general) is satisfactory. Provide ventilation sufficient to prevent exceeding recommended exposure limit.

**Hands:** Oil impervious gloves, if needed, to avoid prolonged or repeated skin contact.

**Eyes:** Splash goggles or face shield when eye contact may occur.

**Other:** Avoid contact with skin and eyes. Wash thoroughly after handling.

### Section 8 - Physical/Chemical Characteristics

**Appearance:** Light amber color

**Odor:** Mild

**Boiling point:** Not determined

**Specific gravity (H<sub>2</sub>O=1):** ~0.88

**Vapor pressure (mm Hg):** Not determined

**Vapor density:** Not determined

**Solubility in water:** Insoluble

**Evaporation rate (Butyl acetate=1):** <1

**Physical form:** Liquid

### Section 9 - Reactivity

**Hazardous decomposition or byproducts:** Oxides of carbon, nitrogen, sulfur, antimony

**Hazardous polymerization:** Will not occur

**Stability:** Stable

**Incompatibility:** Avoid contact with strong oxidizing agents such as liquid chlorine, concentrated oxygen, sodium hypochlorite etc.

### Section 10 - Fire and Explosion Data

**Flash point (COC):** >400°F (204°C)

**Flammable Limits** (approx. % by volume in air):

**LEL** - No data available **UEL** - No data available

**Autoignition Temp:** Not determined

**Extinguishing Media:** Foam, dry chemical, carbon dioxide, water spray

**Special Fire Fighting Procedures:** Use air-supplied breathing equipment for enclosed areas

**Unusual Fire and Explosion Hazards:** None indicated

### Section 11 - Spill or Leak Procedures

Recover free product. Contain any spill to prevent entry into sewers or streams. Add sand, earth or suitable absorbent to spill area. Transfer to closed container.

### Sections 12 - Waste Disposal Methods

Dispose or in accordance with all applicable local, state and federal regulations. Use licensed waste oil contractor, remove to regulated landfill, or incinerate in an approved facility. Empty containers may contain residue. Do not cut, heat or weld on or around empty containers.

### Section 13 - Precautions to be Taken in Handling and Storing

Store in closed containers away from heat or open flames. Do not store with oxidizing agents. Not for internal use. Avoid contact with skin, eyes and clothing.

### Section 14 - Toxicological Information

This product is a mixture not tested as a whole for toxicity. The threshold value of 5 mg/m<sup>3</sup> is suggested for oil mist.

### Section 15 - Ecological Information

Not available.

### Section 16 - Regulatory Information

All components of this product are listed on the TSCA Inventory.

This product contains the following SARA Title 3 Section 313 (40 CFR 372) reportable chemical:

0.65 wt. % Antimony compounds

Canadian NPRI: Antimony compound

### Section 17 - Transportation Information

Not regulated by US DOT, IMO, or ICAO.

### Section 18 - Other Information

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Universal Thread Grinding Company. Universal Thread Grinding assumes no legal responsibility for the use or reliance upon this data.