

MATERIAL SAFETY DATA SHEET



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PRODUCT RELATED HEALTH DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LUBRICATING OIL

Binks Part No. 17611-102

MSDS #: MSDS-22

REVISION #: 2.3

DATE REVISED: 03/14/2007 DATE PREPARED: 01/01/2003

ITW Industrial Finishing - Binks

195 Internationale Blvd.

Glendale Heights, IL 60139

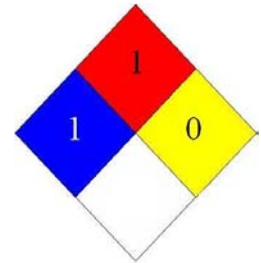
Emergency Number - INFOTRAC

EMERGENCY PHONE (24 HOURS):

1-800-535-5053

630-237-5000

GENERAL USE: LUBRICATING OIL



2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS

<u>CAS REG NO.</u>	<u>WGT . %</u>	<u>ACGIH TLV</u>	<u>ACGIH STEL</u>	<u>OSHA PEL</u>	<u>OSHA STEL</u>	<u>UNITS</u>
Oil Mist in Air (Not encountered in Normal Use)		5 mg/cubic meter		5 mg/cubic meter		

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

PRIMARY EXPOSURE ROUTES: Skin - Eyes - Inhalation - Ingestion

ACUTE EFFECTS

Eye: Eye contact may result in irritation.

Skin: Prolonged or repeated skin contact may cause skin irritation.

Ingestion: Minute amounts aspirated into the lungs during ingestion may cause mild to severe pulmonary injury.

Inhalation: Vapor pressure is very low and inhalation at room temperature is not a problem. If overcome by vapor from a hot product mild to severe pulmonary injury may occur.

CHRONIC EFFECTS

Eye: No long-term adverse effects are known.

Skin: No long-term adverse effects are known.

Ingestion: This product has a low order of acute oral toxicity, but minute amounts aspirated into the lungs during ingestion may cause mild to severe pulmonary injury.

Inhalation: If overcome by vapor from a hot product mild to severe pulmonary injury may occur.

CARCINOGENICITY: Not listed as a carcinogen or potential carcinogen by the NTP, IARC, and OSHA.

TARGET ORGAN EFFECTS: None known.

MEDICAL CONDITIONS AGGRAVATED BY LONG-TERM EXPOSURE: No known medical conditions are aggravated by exposure to solution.



4. FIRST AID MEASURES

EYE CONTACT: In case of contact, flush eyes with plenty of water for at least 15 minutes or until irritation subsides. Physician should be contacted should irritation persist.

SKIN CONTACT: Remove any contaminated clothing and wash skin with soap and warm water.

HIGH-PRESSURE INJECTION UNDER SKIN: If injected by high pressure under skin, regardless of the appearance or its size, contact a physician IMMEDIATELY. Delay may cause loss of affected part of the body. **NOTE TO PHYSICIANS:** In an accident involving high-pressure equipment, this product may be injected under the skin. Such an accident may result in a small somewhat bloodless, puncture wound. However, because of its driving force, material injected into a fingertip can be deposited into the palm of the hand. Within 24 hours, there is usually a great deal of swelling, discoloration and intense throbbing pain. Immediate treatment at a Surgical Emergency Center is recommended.

INGESTION: If ingested call a physician immediately. Do not induce vomiting.

INHALATION: Vapor pressure is very low and inhalation at room temperature is not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician.

5. FIRE FIGHTING MEASURES

FLASH POINT (method): 415 - 475° F (COC)

FLAMMABLE LIMITS

LOWER EXPLOSION LIMIT: 0.9 %

UPPER EXPLOSION LIMIT: 7.0 %

FLAMMABILITY CLASS: None

EXTINGUISHING MEDIA: Foam, Dry Chemical, Carbon Dioxide or Water Spray (Fog)

HAZARDOUS COMBUSTION PRODUCTS: Sulfur Dioxide and Carbon Monoxide.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not mix with strong oxidants. Empty containers retain residue. Do not cut, drill, grind, or weld, as they may explode.

FIRE-FIGHTING INSTRUCTIONS/EQUIPMENT: Cool exposed containers with water. Firefighters are to wear Full Bunker Gear and Self Contained Breathing Apparatus (SCBA).

HMIS RATING: See Section 15.

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Scrape up grease, wash remainder with suitable petroleum solvent or add absorbent. Keep petroleum products out of sewers and water courses. Advise authorities if product has entered or may enter sewers and water courses.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: Keep containers closed when not in use.

STORAGE REQUIREMENTS: Do not handle or store near heat, sparks, flame, or strong oxidants. Store in cool dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE and FACE PROTECTION: Safety Glasses with Side Shields as good industrial practice. If chance of eye contact, wear goggles.

SKIN and HAND PROTECTION: Use oil-resistant gloves, if needed. Use oil-resistant apron if needed.

RESPIRATORY PROTECTION: Normally not needed.

OTHER PERSONAL PROTECTIVE EQUIPMENT: Not required.

ENGINEERING CONTROLS: Local exhaust (Mechanical) should be used to capture fumes and vapors.

ADMINISTRATIVE CONTROLS: Keep this and other chemicals out of reach of

PRODUCT NAME: LUBRICATING OIL MSDS#: MSDS-22 

children: minimize body contact with this product as well as all chemicals in general.

OTHER INFORMATION: Remove oil-soaked clothing and launder before use. Use normal hygiene practice. Wash hands thoroughly before eating, drinking, smoking and using restroom after contact. Keep away from children.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Transparent amber oil.

PHYSICAL STATE: Liquid/Oil.

ODOR: Mineral oil odor

ODOR THRESHOLD (PPM): Not established

SPECIFIC GRAVITY (H₂O=1): 0.87 - 0.90

SOLUBILITY IN WATER (20°C) : Negligible

SOLUBILITY IN FAT: Not Determined.

COEFFICIENT of WATER/OIL SOLUBILITY: Not Determined.

PARTITION COEFFICIENT (n-octanol/water): Not Determined.

pH: No data.

MELTING POINT: Liquid.

BOILING POINT: > 550°F.

EVAPORATION RATE (Butyl Acetate=1): < 0.01

V.O.C.: No Data.

Vapor Density (Air=1): > 5

Vapor Pressure (mm Hg): < 0.01

FLASH POINT: / AUTOIGNITION TEMPERATURE: / FLAMMABILITY CLASSIFICATION: /

UNUSUAL FIRE or EXPLOSION HAZARDS: See Section 5

OXIDIZING PROPERTIES: None Known.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will Not Occur.

CONDITIONS TO AVOID: High Temperatures.

CHEMICALS TO AVOID: Avoid contact with strong oxidants like liquid chlorine, concentrated oxygen.

HAZARDOUS DECOMPOSITION PRODUCTS (non-thermal): None known.

11. TOXICOLOGICAL INFORMATION

SENSITIZATION TO PRODUCT: Not known.

IRRITANCY OF PRODUCT: Not Known.

REPRODUCTIVE TOXICITY: Not known.

TERATOGENICITY: Not known.

MUTAGENICITY: Not known.

12. ECOLOGICAL INFORMATION

MOBILITY: Not Determined.

DEGRADABILITY: Not Determined.

ACCUMULATION: Not Determined.

ECOTOXICITY: Not Determined.

OTHER ADVERSE EFFECTS: Not Determined.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of absorbed material at an approved waste disposal facility or site. Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

U.S. D.O.T. PROPER SHIPPING NAME: Not Regulated.

HAZARD CLASS or DIVISION: NONE

I.D. NUMBER: None

15. REGULATORY INFORMATION

OSHA HAZARD STATUS: None.

EPA SARA Sec. 311/ 312 HAZARD CATEGORIES: None.

WHMIS - Canada: Not a controlled product.

TOXIC SUBSTANCES CONTROL ACT (TSCA): All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

SARA Title III, Section 313, CHEMICALS: Zinc Compounds < 2%

CALIFORNIA Proposition 65 List: Not on List.

NEW JERSEY RIGHT-TO-KNOW HAZARDOUS SUBSTANCES LIST: Not on List.

MASSACHUSETTS RIGHT-TO-KNOW SUBSTANCE LIST: Not on List.

PENNSYLVANIA HAZARDOUS SUBSTANCES LIST: Not on List.

HMIS RATING: HEALTH 1, FLAMMABILITY 1, REACTIVITY 0

NFPA RATING: HEALTH 1, FLAMMABILITY 1, REACTIVITY 0

16. OTHER INFORMATION

MSDS PREPARED BY: Director of Chemical Safety

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, ITW Industrial Finishing Binks makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will ITW Industrial Finishing - Binks be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.

*** END OF MSDS ***