

Material Data Safety Sheet

AIR LINE OIL 100

Emergency Phone (610) 798-9222

Date prepared 10/01/94

1. Product Identification:

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|---|----------------|
| Product name: Air Line Oil 100 | NFPA |
| Chemical name: Mixture | Health-1 |
| Chemical family: Petroleum Hydrocarbon plus Additives | Flammability-1 |
| Product use: Air Line Lubricant | Reactivity-0 |

2. Precautionary Information:

| | |
|--|----------------|
| Product contacting eyes may cause irritation. Prolonged and/or repeated skin contact may cause irritation. | HMIS |
| Inhalation of mist or vapor may cause irritation. | Health-1 |
| | Flammability-1 |
| | Reactivity-0 |

3. Hazardous Ingredients / Identity Information:

| Components | OSHA PEL | OSHA TWA | ACGIH TLV-TWA | ACGIH TLV-STEL | CAS# |
|------------|----------|----------|---------------|----------------|------|
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This Material Data Safety Sheet (MSDS) has been prepared under guidelines in OSHA Hazard Communication Standard 29 CFR 1910.1200.

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|--|---------|---------|---------|----------|
| Distillates (petroleum), Hydrotreated Heavy Paraffinic | 5mg/m3* | 5mg/m3* | 5mg/m3* | 10mg/m3* |
|--|---------|---------|---------|----------|

+ Total dust *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 product is a mixture not tested as a whole for toxicity. Based on available component toxicological data, acute oral LD50 is expected to be > 5 g/kg.

4. Health Hazard Data:

Primary routes of entry:
Eye Skin x Inhalation Ingestion

Acute effects of overexposure

Eyes: Product contacting the eyes may cause eye irritation.

Skin: Prolonged and/or repeated contact tends to remove skin oils, possibly leading to irritation and dermatitis.

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.

Chronic effects of overexposure: Prolonged and/or repeated contact may cause skin irritation.

Medical conditions which may be aggravated by exposure: No specific information available.

5. First Aid:

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

Eyes: Immediately flush with plenty of water for 15 minutes or until irritation subsides. If irritation persists, get medical help.

Ingestion: Do not induce vomiting. Get medical help.

Inhalation: Vapor pressure is very low. Vapor inhalation under ambient conditions is improbable under normal conditions. If overcome by vapor from hot product, immediately remove from exposure to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing, give oxygen. Get medical help.

6. 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.

7. Physical / Chemical Characteristics:

Appearance and Odor: Amber color, mild petroleum odor.

Boiling Point: Not determined.

Specific Gravity: (H₂O = 1): 0.88

Vapor Pressure: (mm Hg): < 1 mm Hg @ 20° C.

Vapor Density: (Air = 1): > 5

Melting Point: Not applicable.

Physical Form: Liquid

Solubility in Water: Negligible

Evaporation Rate: (Butyl acetate = 1): < 0.01

8. Reactivity:

Hazardous Decomposition or Byproducts: Fumes, smoke, oxides of carbon, nitrogen, sulfur, phosphorus.

Hazardous Polymerization: Will not occur.

Stability: Stable.

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

9. Fire and Explosion Data:

Flash Point (COC): (of base oil) 400° F (204° C).

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

LEL: Not determined. **UEL:** 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.

10. Spill or Leak Procedures:

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

11. Waste Disposal Methods:

Not classified as a hazardous waste under RCRA. Dispose of in accordance with all applicable local, state and federal regulations. Use licensed waste oil disposal contractor, remove to regulated landfill or incinerate in an approved facility.

12. Precautions to be Taken in Handling and Storing:

Store in closed containers away from heat or open flames. Do not store with oxidizing agents.

13. Regulatory Information:

All components of this product are listed on the TSCA Inventory. This product does not contain any SARA Title 3 Section 313 and 40 CFR 372 reportable chemicals.