Material Safety Data Sheet

May be used to comply with OSHA's ,Hazard Communication Standard.
29 CFR 1910. 1200 Standard must be consulted for specific requirements.

Tribolube-71

QUICK IDENTIFIER
Common Name: (used on Label and list)

SECTION 1- MANUFACTURER

Manufacturer's Name: ***Aerospace Lubricants, Inc***

Address: ***1600 Georgesville Road***

Emergency Telephone No.: ***614-878-3600***

City, State, and Zip: ***Columbus, Ohio 43228***

Other Information Calls: ***614-878-3600***

Signature of Person Responsible for Preparation: Stephen E. Gates

Date Prepared: *January 3, 2008* ***Rev. D***

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

SECTION 2- HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS NO.

No hazardous components were knowingly incorporated into this lubricant. This product is not considered hazardous according to the OSHA Hazardous Communication Standard 29CFR 1910.1200

Threshold Limit Value: LD50>40G/KG (Non-toxic)

OSHA Threshold Limit Value: LD50>40G/KG

ACGIH Threshold Limit Value: LD50>40G/KG

Carcinogen - NTP Program: N/A

Carcinogen - IARC Program: N/A

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: N/A

Specific Gravity (H O=1): 1.90

Vapor Pressure (mm Hg): 10^{-6} at 20°C

Vapor Density (Air=1): N/A

Solubility in Water: Insoluble

Reactivity in Water: Non-reactive

Appearance and Odor: White, Odorless

Melting Point: Above 250°C

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point: N/A

Method Used: N/A

Flammable Limits in Air % by Volume: N/A

LEL Lower: N/A

UEL Upper: N/A

Auto-Ignition Temperature: Nonflammable

Extinguisher Media: N/A

Special Fire Fighting Procedures: Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Decomposition at temperatures above 290°C may cause the evolution of toxic gasoeus fluorine compounds.

Unusual Fire and Explosion Hazards: Toxic fluorine gases are by-products of combustion.

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Tribolube-71

Stability: Unstable ☐ Stable ☒ — Conditions to Avoid: Avoid heating above 250°C.

Incompatability (Materials to Avoid): Molten alkali metals, interhalogen compounds, strong or nonaqueous alkali and Lewis acids above 100°C

Hazardous Decomposition Products: Toxic Fluorine gases

Hazardous polymerization: May Occur ☐ Will Not Occur ☒ — Conditions to Avoid: Avoid heating above 250°C

SECTION 6 - HEALTH HAZARDS

1. Acute: None

2. Chronic: None

Signs and Symptom of Exposure: Mild irritant to the skin upon prolonged exposure for some individuals.

Decomposition products formed at high temperatures above 250°C may cause "polymer fever."

Medical Condition Generally Aggravated by Exposure: No known medical condition that might be aggravated by exposure.

Chemical Listed as Carcinogen or Potential Carcinogen: None

National Toxicology Program: Yes ☐ No ☒

I.A.R.C. Monographs: Yes ☐ No ☒

OSHA: Yes ☐ No ☒

Emergency and First Aid Procedures: See below

ROUTES OF ENTRY

1. Inhalation: Slightly toxic by inhalation (4 hr. LC 50 1,000-5000 ppm; 8-40 mg/l). If discomfort occurs, move to fresh air; contact physician.
2. Eyes: Flush with water; if irritated, contact physician.
3. Skin: Wipe off and wash with soap and water. If irritation develops, contact physician. Very low toxicity by contact (LD50> 10,000 mg/kg)
4. Ingestion: Very low toxicity by ingestion (oral LD50>5,000 mg/kg). Give large amount of water; contact physician.

SECTION 7 -SPECIAL PRECAUTION AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage: Use reasonable care. Do not store above 250°F or near flammables or explosive material.

Other Precautions: Toxic vapors may evolve above 250°C; provide adequate ventilation if used above this temperature.

Avoid spills; causes slippery surfaces.

Steps to be Taken in Case Material is Released or Spilled: Scrape up with proper tools; wipe up with absorbant cloth or paper towel; apply non-skid absorbant material to floor. Collect waste materials for salvage or disposal.

Waste Disposal Methods (Consult federal, state, and local regulations): Dispose of in accordance with current Federal, State, and Local Regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (Specify Type): Not required unless product is being used as a mist.

Ventilation: Local Exhaust: Not required — Mechanical (General): Recommended — Special: Not required — Other:

Protective Gloves: Plastic disposable — Eye Protection: Safety glasses recommended

Other Protective Clothing or Equipment: Plastic apron, fabric laboratory coat recommended.

Work/Hygienic Practices: Do not contaminate smoking materials; wash hands and / or contaminated area after exposure.