

# Material Safety Data Sheet

# Tribolube-71

May be used to comply with OSHA's Hazard Communication Standard.  
29 CFR 1910.1200 Standard must be consulted for specific requirements.

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**

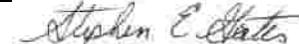
Other

Information

Calls

**614-878-3600**

Signature of Person



Date **January 3, 2008**

Responsible for Preparation

**Stephen E. Gates**

Prepared

**Rev. D**

**HAZ**

**1**

**HAMBILITY**

**0**

**REACTIVITY**

**0**

**ENVIRONMENTAL**

**B**

## SECTION 2- HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) (chemical & common name(s))	OSHA PEL	ACGIH TLV	Other Exposure Limits	% (optional)	CAS NO.
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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 <sub>2</sub> O=1)	1.90	Vapor Pressure (mm Hg)	10 <sup>-6</sup> 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 gaseous 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     Conditions  
                 Stable     to Avoid    **Avoid heating above 250°C.**

Incompatibility  
(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    May Occur     Conditions  
polymerization    Will Not Occur     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	Mechanical (General)	Special	Other
<b>Recommended</b>	<b>Not required</b>	<b>Recommended</b>	<b>Not required</b>	

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.**