

# Material Safety Data Sheet

# TRIBOLUBE F-189

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

*Stephen E. Gates*

Date

*January 3, 2006*

Responsible for Preparation

*Stephen E. Gates*

Prepared

*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.
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No hazardous components were knowingly incorporated into this lubricant. This product is not considered hazardous according to the OSHA Hazard Communication Standard 29CFR1910.1200.

## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	>180°C	Specific Gravity (H <sub>2</sub> O=1)	0.83	Vapor Pressure (mm Hg)	1 mm @ 20°C
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Vapor Density (Air=1) N/A

Solubility in Water	Negligible	Reactivity in Water	Negligible
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Appearance and Odor	Clear oil, slight petroleum odor	Melting Point	NA
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## SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	550°F	Method Used	C.O.C.	Flammable Limits in Air % by Volume	N/A	LEL Lower	N/A	UEL Upper	N/A
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Auto-Ignition Temperature Above 500°F

Extinguisher Media CO<sub>2</sub>, dry chemical, foam, water spray, water fog.

Special Fire Fighting Procedures Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual Fire and Explosion Hazards None known.

## SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

**TRIBOLUBE F-189**

Stability Unstable  Conditions to Avoid  Strong Oxidizers, temperatures above 500°F.

Incompatibility (Materials to Avoid) Oxidizing material can cause a reaction.

Hazardous Decomposition Products CO<sub>2</sub>, traces of incompletely burned carbon.

Hazardous polymerization May Occur  Will Not Occur  None Known

## SECTION 6 - HEALTH HAZARDS

1. Acute None 2. Chronic None

Signs and Symptom of Exposure Prolonged and repeated contact with skin may cause skin irritation.

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

Chemical Listed as Carcinogen or Potential Carcinogen National Toxicology Program Yes  No  I.A.R.C. Monographs Yes  No  OSHA Yes  No

Emergency and First Aid Procedures Skin contact: Wipe off and wash with soap and water.

### ROUTES OF ENTRY

1. Inhalation Remove to fresh air, if necessary seek medical attention.
2. Eyes Flush with water, get medical attention.
3. Skin Wipe off and wash with soap and water.
4. Ingestion Give milk or water; do not induce vomiting; may cause diarrhea, consult 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.

Other Precautions Toxic vapors may evolve above 550°F; 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 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.