

# Material Safety Data Sheet

# TRIBOLUBE-2N

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*

City, State, and Zip

*Columbus, Ohio 43228*

Signature of Person

*Stephen E. Gates*

Responsible for Preparation

Stephen E. Gates

Emergency  
Telephone No.

*614-878-3600*

Other  
Information  
Calls

*614-878-3600*

Date  
Prepared

January 12, 2004  
Rev. B

HEALTH

1

FLAMMABILITY

0

REACTIVITY

0

PERSONAL PROTECTION

B

## SECTION 2- HAZARDOUS INGREDIENTS/IDENTITY

| Hazardous Component(s) (chemical & common name(s)) | OSHA<br>PEL | ACGIH<br>TLV | Other Exposure<br>Limits | %<br>(optional) | CAS<br>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

## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

|                     |                                      |                          |              |                        |                |
|---------------------|--------------------------------------|--------------------------|--------------|------------------------|----------------|
| Boiling Point       | Above 500° F                         | Specific Gravity (H O=1) | 1.86         | Vapor Pressure (mm Hg) | Less than 5 mm |
| Solubility in Water | Negligible                           | Reactivity in Water      | Negligible   |                        |                |
| Appearance and Odor | Yellow Grease, slight petroleum odor | Melting Point            | Above 550° F |                        |                |
|                     | Vapor Density (Air=1)                |                          | N/A          |                        |                |

## 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          | Above 600°F   | Extinguisher Media | CO <sub>2</sub> , dry chemical, foam, water spray |                                     |     |           |     |           |     |
| 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-2N**

Stability Unstable  Conditions to Avoid  Stable  **Strong Oxidizers**

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

Hazardous Decomposition Products **Fluorine products, CO, , traces of incompletely burned carbon**

Hazardous polymerization May Cccur  Will Not Occur  Conditions to Avoid **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.**

**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 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 **No known adverse effects are known, 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 Recommended 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.**