

Material Safety Data Sheet

Alisyn High Temperature Wheel Bearing Grease

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 29CFR 1910.1200.

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	Not applicable	Specific Gravity (H ₂ O=1)	0.827	Vapor Pressure (mm Hg)	1 mm @ 20°C
Solubility in Water	Negligible	Vapor Density (Air=1)	N/A	Reactivity in Water	Negligible

Appearance and Odor	Black grease, slight petroleum odor	Melting Point	Above 450°F
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SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	435°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 450°F	Extinguisher Media	CO ₂ , dry chemical, foam, water spray, water fog.
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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.

Alisyn Hi-Temp Wheel Bearing Grease

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

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

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

Hazardous Decomposition Products Fluorine products, silicon dioxide, CO₂, 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

- Inhalation Remove to fresh air, if necessary seek medical attention.
- Eyes Flush with water, get medical attention.
- Skin Wipe off and wash with soap and water.
- Ingestion Give milk or water; do not induce vomiting; 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.