

# Material Safety Data Sheet

# Alisyn ProGear 21 Type 4

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**


Emergency  
Telephone No.

**614-878-3600**

Other  
Information  
Calls

**614-878-3600**

Signature of Person



Date

**January 3, 2006**

Responsible for Preparation

**Stephen E. Gates**

Prepared

**Rev. D**

HEALTH	1
FLAMMABILITY	1
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. Lubricant is a synthetic Hydrocarbon Basestock with proprietary additives.

## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	410°F	Specific Gravity (H O=1)	0.79	Vapor Pressure (mm Hg)	<1 mm @ 20°C
Solubility in Water	Insoluble	Reactivity in Water	None	Vapor Density (Air=1)	N/A
Appearance and Odor	Red-Brown oil, slight petroleum odor	Melting Point	N.A		

## SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	320°F	Method Used	ASTM D-92	Flammable Limits in Air % by Volume	N.E.	LEL Lower	N.E.	UEL Upper	N/A
Auto-Ignition Temperature	Not Established	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. Decomposition at temperatures above 290°C may cause the evolution of toxic gaseous compounds.								
Unusual Fire and Explosion Hazards	Toxic gases may be produced by combustion. Do not weld, heat or drill container as residue may ignite with explosive force if heated sufficiently. Do not use pressure to empty drum or can								

## SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

*Alisyn ProGear 21 Type 4*

Stability Unstable  Conditions to Avoid   
Stable  Strong Oxidizers, temperatures above 320°F

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

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

Hazardous polymerization May Occur   
Will Not Occur  None Known

## SECTION 6 - HEALTH HAZARDS

1. Acute Prolonged and/or repeated exposure may cause eye, skin or lung irritation. 2. Chronic None known

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 As indicated below. Consult physician if necessary.

### ROUTES OF ENTRY

- Inhalation Remove to fresh air, if necessary seek medical attention.
- Eyes Flush with water, if necessary get medical attention.
- Skin Remove contaminated clothing, wipe off and wash skin with soap and water.
- Ingestion Give two glasses of 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. Do not breath vapor or mist. Wash hands after handling.

Other Precautions Toxic vapors may evolve above 550°F; provide adequate ventilation if used above this temperature.

Avoid spills; causes slippery surfaces. Avoid contamination of smoking materials.

Steps to be Taken in Case Material is Released or Spilled Stop the source of the leak. Contain liquid to prevent further contamination of soil, surface water or ground water.

Apply non-skid absorbent 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 Good industrial Practice Local Exhaust Not required Mechanical (General) Recommended Special Other

Protective Gloves Rubber Gloves Eye Protection Safety glasses or goggles 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.