



## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

Product Name: ALLFLEET Premium Synthetic Gear Lube 50  
Synonyms: Petroleum based lubricant, Gear lubricant

#### Company Identification

RelaDyne LLC  
950 Wabash Avenue  
Chesterton, IN 46304 USA  
1-219-926-8656 (For product information)  
1-800-726-7626 (For emergencies)  
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0% ALLFLEET Premium Synthetic Gear Lube 50

#### CONTAINING:

#### HAZARDOUS AND/OR REGULATED COMPONENTS

Chemical Name	Amount	CAS Number
OLEFIN SULFIDE	< 3.0 %	Proprietary

#### NON-HAZARDOUS COMPONENTS

Chemical Name	Amount	CAS Number
HYDROGENATED DECENE HOMOPOLYMER (PAO)	> 80.0 %	68037-01-4
PROPRIETARY ADDITIVES	< 10.0 %	Mixture

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

COMPOSITION COMMENT:

This product does not contain any components that are regulated under Title 313 of SARA, the Superfund Reauthorization Act.

HAZARDS DISCLOSURE

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**3. HAZARDS IDENTIFICATION**

HMIS Rating - Health: 1  
Flammability: 1  
Reactivity: 0

NFPA Rating - Health: 1  
Flammability: 1  
Reactivity: 0

POTENTIAL HEALTH EFFECTS

EYE:

May be slightly irritating.

SKIN:

Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

INHALATION:

Avoid breathing vapors or mists. Exposure to aerosols from heated material may cause headache and dizziness.

INGESTION:

May be harmful if swallowed.

CARCINOGENICITY INFORMATION:

None known.

**4. FIRST AID MEASURES**

EYE CONTACT FIRST AID:

Flush eye with water for 15 minutes. Get medical attention if irritation develops or persists.

SKIN CONTACT FIRST AID:

Immediately wash skin with plenty of soap and water while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists. Thoroughly wash (or discard) clothing and shoes before reuse.

INHALATION FIRST AID:

Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration or give oxygen by trained personnel and contact a physician immediately.

INGESTION FIRST AID:

Do not induce vomiting, but give one or two glasses of water to drink and get medical attention immediately. Never give anything by mouth to an unconscious person.

NOTES TO PHYSICIAN:

Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: > 250 C (> 482.0 F)  
Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A  
UEL: N/A

EXTINGUISHING MEDIA:

Dry chemical, water spray (fog), carbon dioxide, foam.

FIRE & EXPLOSION HAZARDS:

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture.

FIRE FIGHTING INSTRUCTIONS:

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

COMBUSTION PRODUCTS:

Hazardous decomposition products are CO and CO2.

## 6. ACCIDENTAL RELEASE MEASURES

### SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment. Evacuate non-emergency personnel to a safe area.

### INITIAL CONTAINMENT:

Absorb spills with inert material. Do not allow material to enter soil or surface water.

### LARGE SPILLS PROCEDURE:

Clean up spills immediately, observing precautions in Protective Equipment section. Absorb spill with inert material (e g, dry sand or earth), then place in a chemical waste container. Do not flush to sewer. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

### SMALL SPILLS PROCEDURE:

Absorb spills with inert material. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

## 7. HANDLING AND STORAGE

### HANDLING (PERSONNEL):

Avoid breathing mists from heated material. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner, or properly disposed of.

### HANDLING (PHYSICAL ASPECTS):

Avoid contact with strong oxidizing agents.

### STORAGE PRECAUTIONS:

Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction. Store in a cool dry place. Keep container closed when not in use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### ENGINEERING CONTROLS:

Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

**EYE / FACE PROTECTION REQUIREMENTS:**

Wear safety glasses with side shields (or goggles) and/or a face shield.

**SKIN PROTECTION REQUIREMENTS:**

Wear protective gloves to minimize skin contamination.

**RESPIRATORY PROTECTION REQUIREMENTS:**

When there is potential for airborne mist exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection. OSHA exposure limit for mineral oil is 5 mg/cubic meter.

**EXPOSURE GUIDELINES:**

No Information Available.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

FORM .....: Liquid  
COLOR .....: Amber  
ODOR .....: Pungent Sulfur  
BOILING POINT .....: Not determined C  
SOLUBILITY IN WATER ...: Nil  
SPECIFIC GRAVITY .....: Not determined (Water = 1)  
PH .....: Not applicable  
VISCOSITY .....: 18.0 cSt at 100 Deg C

**10. STABILITY AND REACTIVITY**

**STABILITY:**

Stable.

**POLYMERIZATION:**

Hazardous polymerization will not occur.

**INCOMPATIBILITY WITH OTHER MATERIALS:**

Avoid contact with strong oxidizing agents.

**DECOMPOSITION:**

In the case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

**11. TOXICOLOGICAL INFORMATION**

MISCELLANEOUS:

No component is listed as a carcinogen, mutagen, teratogen or reproductive toxin.

Please contact supplier for additional toxicological information.

**12. ECOLOGICAL INFORMATION**

MISCELLANEOUS:

Please contact supplier for ecological information.

**13. DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements. Incineration is recommended.

**14. TRANSPORTATION INFORMATION**

PRODUCT LABEL .....: ALLFLEET Premium Synthetic Gear Lube 50  
D.O.T. SHIPPING NAME ...: Not Regulated by DOT

**15. REGULATORY INFORMATION**

REGULATORY LISTS SEARCHED:

01 = CANADIAN DISCLOSURE LIST	02 = Clean Air Act Section 112
03 = TITLE V OF THE CLEAN AIR ACT	04 = SC Toxic Air Pollutants List
05 = SARA TITLE III - SECTION 313	

No information available.

**16. OTHER INFORMATION**

APPROVAL DATE .....: May 11, 2006  
SUPERCEDES DATE ...: New  
RTN NUMBER .....: 00310792 (Official Copy)

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