

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
Essentially similar to Non-Mandatory
Approved O.S.H.A. Form
OMB No. 1218-0072

IDENTITY

747S Syn-O-Gen Synthetic Industrial Gear Lube

SECTION I

Primrose Oil Company, Inc.
11444 Denton Drive
PO Box 29665
Dallas, Texas 75229

Emergency Only Telephone No. 800/633-8253
Telephone Number for Information: 972-241-1100
Date Prepared: February 1, 2009

SECTION II - Ingredients Identity/Information

Components

Polyalphaolefins (C.A.S. 151006-63-2)

This product is Non-Hazardous as defined by OSHA Hazardous Communication Standard 29 CFR 1910.1200.
Other ingredients not identified are protected by law as trade secrets.

SECTION III - Physical/Chemical Characteristics

Boiling Point:	N/A.	Specific Gravity (H ₂ O = 1):	0.9
Vapor Pressure (mm Hg.):	N/A.	Melting Point:	N/A.
Vapor Density (AIR = 1):	N/A.	Evaporation Rate:	N/A.
		(Butyl Acetate = 1)	

Solubility in Water: Insoluble

Appearance and Odor: Yellow colored liquid with mild petroleum odor.

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used): 235°C (COC), min. Flammable Limits: N/A. LEL UEL

Extinguishing Media: CO₂, dry chemical, foam, or water fog.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus for fires in confined spaces.

Unusual Fire and Explosion Hazards: N/A.

SECTION V - Reactivity Data

Stability: Unstable: Conditions to Avoid: Contact with strong oxidizers.
Stable: XX

Incompatibility (Materials to Avoid): Liquid chlorine, oxygen

Hazardous Decomposition or Byproducts: Carbon monoxide and asphyxiants

Hazardous May Occur: Conditions to Avoid: Contact with strong oxidizers.
Polymerization: Will Not Occur: XX

SECTION VI - Health Hazard Data

Route(s) of Entry: Inhalation? yes Skin? yes Ingestion? yes

Health Hazards (Acute and Chronic): Threshold Limit Value: 5 mg/m³ as a mist. LD50 in rats is 5 mg/kg.

Carcinogenicity: No reportable carcinogens.

Signs and Symptoms of Exposure: May cause skin irritation with prolonged or repeated contact.

Medical Conditions Generally Aggravated by Exposure: Not established.

Emergency and First Aid Procedures: For ingestion, DO NOT induce vomiting. Obtain medical assistance. For small amounts that accidentally enter mouth or eye, rinse with water until gone.

SECTION VII - Precautions for Safe Handling and Use

Steps to Be Taken In Case Material Is Released or Spilled: Absorb with inert material.

Waste Disposal Method: Follow federal, state, and local regulations.

Precautions To Be Taken In Handling and Storing: Keep away from heat and open flame. NFPA Class III B
Storage: Health: 1, Flammability: 1, Reactivity: 0

Other Precautions: Wash thoroughly after handling.

SECTION VIII - Control Measures

Respiratory Protection (Specify Type): None needed under normal conditions with adequate ventilation.

Ventilation: Local Exhaust: Special:
Mechanical (General): Other: As needed to comply with TLV

Protective Gloves: Not normally required for incidental contact. Eye Protection: Minimal eye irritant. Safety goggles if splashing anticipated.

Other Protective Clothing or Equipment: Not normally required.

Work/Hygienic Practices: Avoid skin and eye contact. Wash thoroughly after handling. Launder soiled clothes.