

## 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

**790 Syn-O-Gen® Motor Oil 5W30**

## 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. 68037-01-4)

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 <sub>2</sub> 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: CO<sub>2</sub>, 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/m<sup>3</sup> 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.