

**Spectrum Lubricants Corporation
500 Industrial Park Drive
Selmer, TN 38375**

MATERIAL SAFETY DATA SHEET

SECTION 1 -- IDENTIFICATION

Product Trade Name: Spec-1 15W40 Motor Oil
Revision Date: 11-27-05
Phone Number: (731) 645-4972
Fax Number: (731) 645-4810
E-mail Address: vswedley@spectrumcorporation.com
Emergency Number: 800-424-9300 after 5:00 p.m.
Chemical Family: Petroleum Lubricating Oil

NOTE: Petroleum lubricating oils with a flashpoint above 200° F, are not regulated by D.O.T. standards.

SECTION 2 -- HAZARDOUS INGREDIENTS

<u>Name</u>	<u>CAS #</u>	<u>Approximate %</u>	<u>Regulatory Agency</u>	<u>Exposure Limit</u>
Base Oils (mixture)	64742-54-7	80-90	OSHA/ACGIH	5mg/m3 Mist
Performance Additive	proprietary	8-17	OSHA/ACGIH	5mg/m3 Mist
Pour Depressant	64742-54-7	< 2	OSHA/ACGIH	5mg/m3 Mist
Zinc Alkyldithiophosphate	proprietary	< 1	OSHA/ACGIH	5mg/m3 Mist

HMIS/NFPA CODES

Health	Flammability	Reactivity	Protective Equipment
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See Section 6, Chronic Effects, for potential over-exposure hazard.

SECTION 3 -- PHYSICAL DATA

Vapor Pressure (mmHg) at 20° C: <1
Specific Gravity at 60° F: 0.89
Water Solubility: Negligible
Boiling Point: 700° F
Vapor Density (Air=1): >1
Evaporation Rate (BUAC=1): <1
Odor: Mild Hydrocarbon Odor
Appearance: Light to Dark Amber Color Liquid
Viscosity at 100° C CST: 13.5
% Volatile by volume: Negligible

SECTION 4 -- FIRE AND EXPLOSION HAZARDS

Flash Point: 435° F
Fire Point: 480° F
Extinguishing Media: Water Fog, Chemical Foam, Dry Chemical Powder, CO2
Special Firefighting Procedures: Cool exposed containers with water spray. Avoid breathing fumes.
Unusual Fire and Explosion Hazards: Pressure increase in over heated closed containers. Cool containers with water spray.

SECTION 5 -- REACTIVITY DATA

Stability:	Stable
Incompatibility:	Avoid strong oxidants.
Polymerization:	Will not occur.
Thermal Decomposition:	Partial burning produces fumes, smoke and carbon monoxide.

SECTION 6 -- HEALTH HAZARD DATA

Inhalation:	Inhalation of fumes may result in dizziness, headache and respiratory irritation.
Eye Contact:	Contact with eyes may cause minimal irritation.
Skin Contact:	Mild irritation may occur with prolonged or repeated contact.
Ingestion:	Slightly toxic. Pulmonary aspiration hazard if vomiting occurs.
TLV:	5mg/m3 as mist. ACGIH 1984-85.
Chronic Effects:	Product has a low order of acute oral toxicity. Ingredients of this product are <u>not</u> listed as potential carcinogens in N.T.P. <u>Annual Report on Carcinogens</u>, I.A.R.C. <u>Monographs</u>, or by O.S.H.A. HCS (g) (2) (vii).

SECTION 7 -- SPECIAL PROTECTION INFORMATION

Ventilation Procedure:	Ventilate as needed to comply with exposure limit.
Gloves Protection:	Use impervious gloves to avoid repeated/prolonged skin contact.
Eye Protection:	Use goggles/face shield to avoid eye contact.
Work/Hygienic Practices:	If clothing becomes contaminated, change to fresh clean clothing. Do not wear until thoroughly laundered.

SECTION 8 -- SPILL OR LEAK PROCEDURES

Spill Procedures:	Remove ignition sources. Recover liquid. Add absorbent to spill area. Ventilate confined spaces. Advise authorities if product enters sewers, etc.
Waste Disposal:	Assure conformity with applicable disposal regulations. Dispose of absorbed material at approved waste site.

SECTION 9 -- SPECIAL PRECAUTIONS

Handling and Storage Precautions:	Keep containers closed when not in use. Do not handle or store near heat or flames. Use chemical resistant gloves and apron.
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EMERGENCY FIRST AID PROCEDURES

Skin:	Wash skin with soap and warm water. Wash clothing before re-use.
Eye:	If splashed into eyes flush eyes with clear water for five (5) minutes.
Inhalation:	If overcome by fumes remove from exposure immediately.

