



Monarch Oil (Kitchener) Limited

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MONARCH SUPREME 15W-40 CJ-4

MATERIAL SAFETY DATA SHEET

CIT500

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Monarch Supreme 15W-40 CJ-4
Synonyms: Diesel Motor Oil, Petroleum Based Lubricant
CAS Number: Blend

Company Identification

Superior Lubricants Co., Inc.
32 Ward Road
North Tonawanda, NY 14120
1-800-638-1887 For product information)
1-800-424-9300 For emergencies)
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
Petroleum Distillates Hydrotreated Heavy Paraffinic	>70	64742-54-7
Petroleum Distillates Solvent Dewaxed Heavy Paraffinic	5-10	64742-65-0
2, 5-Pyrrolidinedione, Polyethylenepolyamine Polyisobutenyl Derivatives	1-5	84605-20-9

3. HAZARDS IDENTIFICATION

Health:

This product may cause irritation to the eyes and skin. Exposure to oil mist/fume/vapor may cause respiratory tract irritation. Ingestion may cause slight stomach irritation and discomfort. Inhalation of mist and vapors may irritate the nose, throat, and lungs.

4. FIRST AID MEASURES

Inhalation:

If inhalation of gas/fume/vapor/dust/mist from the material is excessive (air concentration is greater than the TLV or health effects are noticed), immediately remove the affected person(s) to fresh air. If irritation persists, get medical attention.

Skin Contact:	Wash skin with soap and water. If irritation persists, get medical attention.
Eye Contact:	In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical attention. If irritation persists, get medical attention.
Ingestion:	If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.
Notes to a Physician:	If the affected person is not breathing, apply artificial respiration.

5. FIRE FIGHTING MEASURES

Extinguishing Media:	Alcohol foam (preferred), dry chemical, water.
Specific Methods:	Use water to cool fire-exposed containers, structures, and to protect personnel.
Specific Hazards:	Flammable at all temperatures above the flash point on contact with an ignition source. Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition. Empty containers may retain product residue including Flammable or Explosive vapors. Do not cut, drill, grind, or weld near full, partially full, or empty product containers.
Protection of Firefighters:	Fire fighters should be equipped with NIOSH-approved, self-contained breathing apparatus (SCBA) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. Wear appropriate protective equipment and clothing during clean-up.
Environmental Precautions:	Do not allow the spilled product to enter public drainage system or open water courses. WATER SPILL: Remove from surface by skimming or with suitable absorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in confined waters.
Methods for Cleaning Up:	Contain the discharged material. Absorb the spilled material with an inert absorbent (nonflammable) material.

7. HANDLING AND STORAGE

Handling:

Technical Measures:	Avoid the generation of oil mists
Precautions and Advice for Safe Handling:	Elevated temperature or mechanical action may form vapors, mist, or Fumes which may be irritating to the eyes, nose, throat, and lungs. Avoid breathing vapors or mist. Keep the container closed when not in use.

Storage:

Technical Measures:	No special precautions
Storage Conditions:	Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Wash contaminated clothing before reuse.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures: Use adequate mechanical ventilation (general and/or local exhaust) ventilation to maintain exposure below PEL(s) and/or TLV(s)

Control Parameters: If oil mist is generated, observe the OSHA exposure limit of 5 mg/m³. Recommended exposure limit of 1.0 mg/m³.

Personal Protective Equipment:

Respiratory Protection: If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard 29 CFR 1910.134 and/or Canadian Standard CSA Z94.4.

Hand Protection: Use of impervious gloves is recommended, such as neoprene.

Eye Protection: Wear safety glasses with side shields.

Skin and Body Protection: Use of an impervious apron is recommended.

Hygiene Measures: Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM	Liquid	
COLOR	Clear Amber	
ODOR	Petroleum	
VAPOR DENSITY	Not available	
SOLUBILITY IN WATER	Insoluble	
SPECIFIC GRAVITY	0.88 - 90 @ 60 Deg F (Water = 1)	
FLASH POINT	390. min COC	
PH	Not available	
VISCOSITY	116 cSt ASTM D445	
Evaporation Rate	Not available	
Vapor Pressure	<1 @ 20 C mm/Hg	
Explosion Properties	UEL – Not available	LEL Not available

10. STABILITY AND REACTIVITY

Stability:	This is a stable material. Hazardous polymerization will not occur.
Conditions and Materials to Avoid:	This product can react with oxidizing materials.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, and other low molecular weight hydrocarbons. Decomposition of this product may yield oxides of phosphorus. Decomposition of this product may yield oxides of sulfur and nitrogen.

11. TOXICOLOGICAL INFORMATION

Chronic (Long Term) Toxicity:	Base oil severely refined. Not carcinogenic in animal studies. Representative material passes IP-346, Modified Ames test, and/or other screening tests.
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12. ECOLOGICAL INFORMATION

No specific aquatic data available for this product.

13. DISPOSAL CONSIDERATIONS

Waste from Residues:	Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulation. Waste Disposal - Material should be disposed of separately or with plant used motor oils, indicating the materials potential to cause skin cancer with prolonged and repeated contact. Empty containers may contain hazardous residues (vapors, liquid, and/or solid). Do not reuse the empty container without commercial cleaning or reconditioning.
Contaminated Packaging:	No available information.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT) 49 - CFR 172.101

This product is not regulated as a dangerous good

Canadian Transportation of Dangerous Goods (T.D.G.) -TDGR Schedule II

This product is not regulated as a dangerous good

Secretary of Communication and Transportation (SCT) - NOM-002-SCT2/1994 (Mexico)

This product is not regulated as a dangerous good

International and Domestic Air Transportation - ICAO & IATA Section 4.2

This product is not regulated as a dangerous good

International Water Transportation - IMDG Code Amendment 31-02

This product is not regulated as a dangerous good.

15. REGULATORY INFORMATION

The components of this product are listed on the TSCA Inventory

This product contains NONE of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372

Used engine oils, while not a component of this material, is on the Proposition 65 list of chemicals known to the State of California to cause cancer

Material contains a chemical which is a Material of Concern. Use and release of this material should be minimized to the greatest extent possible

16. OTHER INFORMATION

Preparation Information:

The chemical identification and properties for this material were provided by the manufacturer. For Canadian locations, a manufacturer's MSDS is available upon request.

Disclaimer:

The information on this data sheet represents our current data and is accurate to the best of our knowledge as to the proper handling of this product under normal conditions and in accordance with the application specified on the packaging and/or technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

APPROVAL DATE May 1, 2007
SUPERCEDES DATE February 26, 2013
RTN NUMBER SL1540CJ4 (Official Copy)

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END OF MSDS
