

J. M. Reynolds Supreme Auto Motor Oil

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Supreme Auto MOTOR OIL

Includes grades 5W-20, 5W-30, 10W-30

SYNONYMS: Petroleum oil; Lube oil; Petroleum hydrocarbon; Lubricant.

PRODUCT USE: For lubricating passenger car motors.

If these products are used in combination with other products, refer to the Safety Data Sheet for those products.

24-HOUR EMERGENCY PHONE NUMBERS MEDICAL AND TRANSPORTATION (SPILL):

These numbers are for emergency use only. If you desire non-emergency product information, please call a phone number listed below.

PERS. 1-800-633-8253

SUPPLIER: J. M. Reynolds Oil Co. Inc
395 S. Huntington St.
PO Box 315
Wabash, IN 46992
USA
1-260-563-3317

TECHNICAL INFORMATION: 1-260-563-3317

MSDS ISSUE: June 30, 2015

ORIGINAL ISSUE: October 8, 2009

PREPARED BY: Product SDS Coordinator

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SECTION 2: HAZARDS IDENTIFICATION

GHS LABEL ELEMENTS

Classification in Accordance with 29 CFR 1910.1200.

Not hazardous according to classification criteria.

GHS LABEL ELEMENTS

Symbol(s): None needed according to classification criteria.

Signal Word: None needed according to classification criteria.

Hazard Statement(s): None needed according to classification criteria.

Precautionary Statement(s)

Prevention: None needed according to classification criteria.

Response: None needed according to classification criteria.

Storage: None needed according to classification criteria.

Disposal: Dispose of in accordance with all applicable federal, state and local regulations.

Hazard(s) Not Otherwise Classified: Repeated exposure may cause skin dryness or cracking.

POTENTIAL HEALTH EFFECTS

INHALATION (BREATHING):

These products are not likely to present an inhalation hazard at normal temperatures and pressures. However, when aerosolizing, misting, or heating these products, high concentrations of generated vapor or mist may irritate the respiratory tract (nose, throat, and lungs).

EYES:

May cause irritation.

SKIN:

May cause irritation Not likely to be absorbed through the skin in harmful amounts.

INGESTION (SWALLOWING) :

May be harmful if swallowed. May cause throat irritation, nausea, vomiting, and diarrhea. Breathing product into the lungs during ingestion or vomiting may cause lung injury and possible death.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Individuals with pre-existing respiratory tract (nose, throat, and lungs), eye, and/or skin disorders may have increased susceptibility to the effects of exposure.

CHRONIC:

Prolonged or repeated inhalation of oil mist may cause oil pneumonia, lung tissue inflammation, and/or fibrous tissue formation. Prolonged or repeated eye contact may cause inflammation of the membrane lining the eyelids and covering the eyeball (conjunctivitis). Prolonged or repeated skin contact may cause drying, cracking, redness, itching, and/or swelling (dermatitis).

CANCER INFORMATION:

No known carcinogenicity. For more information, see **SECTION 11: CARCINOGENICITY.**

Also see **SECTION 15: CALIFORNIA.**

POTENTIAL ENVIRONMENTAL EFFECTS

Not available. Also see **SECTION 12: ECOLOGICAL INFORMATION.**

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

WT%*	NAME	SYNONYM	CAS NO.	OSHA PEL**		ACGIH TLV		Ld ^a g/kg	LC ^b
				TWA mg/m ³	STEL	TWA mg/m ³	STEL mg/m ³		
35 - 93	Lubricating oils, petroleum, hydrotreated spent	Hydrotreated paraffinic base oil	64742-58-1	5 ^c	N. AV	5 ^c	10 ^c	N. AV	N. AV
0 - 60	Lubricating oils, petroleum, C20-50, hydrotreated neutral oilbased	N. AV	72623-87-1	5 ^c	N. AV	5 ^c	10 ^c	N. AV	N. AV
4 - 42	Petroleum distillates, hydrotreated heavy paraffinic	N. AV	64742-54-7	5 ^c	N. AV	5 ^c	10 ^c	>15g/kg (>5g/kg) ^d	N. AV
0 - 30	Lubricating oils (petroleum), C>25, hydrotreated bright stock	Bright Stock	72623-83-7	5 ^c	N. AV	5 ^c	10 ^c	>55g/kg (>3g/kg) ^d	N. AV
0 - 30	Residual oils (petroleum), solvent dewaxed	Bright Stock	64742-62-7	5 ^c	N. AV	5 ^c	10 ^c	N. AV	N. AV
0 - 30	Residual oils (petroleum), hydrotreated	Bright Stock	64742-57-0	5 ^c	N. AV	5 ^c	10 ^c	N. AV	N. AV
0 - 30	Lubricating oils, petroleum, C15-30, hydrotreated neutral oilbased	N. AV	72623-86-0	5 ^c	N. AV	5 ^c	10 ^c	N. AV	N. AV
0 - 12	Polyolefin	***	***	N. AV	N. AV	N. AV	N. AV	N. AV	N. AV
1 - 10	Polyolefin amide alkeneamine	***	***	N. AV	N. AV	N. AV	N. AV	N. AV	N. AV
0 - 9	Mineral oil	***	***	5 ^c	N. AV	5 ^c	10 ^c	N. AV	N. AV
0 - 7	Petroleum distillates, solvent refined heavy paraffinic	N. AV	64741-88-4	5 ^c	N. AV	5 ^c	10 ^c	N. AV	N. AV
0.5 - 6	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	Dialkyl (C1-C14) dithiophosphoric acid, zinc salt	68649-42-3	N. AV	N. AV	N. AV	N. AV	N. AV	N. AV
0.5-4	Calcium sulfonate	***	***	N. AV	N. AV	N. AV	N. AV	N. AV	N. AV
0.5 - 2	Alkylamine	***	***	N. AV	N. AV	N. AV	N. AV	N. AV	N. AV
0 - 2	Polyolefin ester	***	***	N. AV	N. AV	N. AV	N. AV	N. AV	N. AV
0.5 - 3	Alkylated phenol	***	***	N. AV	N. AV	N. AV	N. AV	N. AV	N. AV
0 - 2	Calcium phenate	***	***	N. AV	N. AV	N. AV	N. AV	N. AV	N. AV

**OSHA Final PEL value (enforceable). Some States have adopted more stringent values.

N. Av. = Not Available mineral

* Even though the concentration range does not fall under the ranges prescribed by WHMIS, this is the actual range which varies with each batch of the product.

***Supplier advises that this is a trade secret

^aOral-Rat LD50
^bInhalation-Rat LC50

^cBased on Oil mist,

^dSkin-Rabbit LD50

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SECTION 4: FIRST AID MEASURES

INHALATION (BREATHING):

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Oxygen should only be administered by qualified personnel. Someone should stay with victim. Get medical attention if breathing difficulty persists.

EYES:

If irritation or redness from exposure to vapor develops, move away from exposure into fresh air. Upon contact, immediately flush eyes with plenty of lukewarm water, holding eyelids apart, for 15 minutes. Get medical attention.

SKIN:

Remove affected clothing and shoes. Wash skin thoroughly with soap and water. Get medical attention if irritation or pain develops or persists. If product is injected under pressure into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, a physician should immediately evaluate the individual as a medical emergency.

INGESTION (SWALLOWING):

Do NOT induce vomiting. Immediately get medical attention. Call **1-800-633-8253** for additional information. If spontaneous vomiting occurs, keep head below hips to avoid breathing the product into the lungs. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIANS:

Treat symptomatically and supportively. Treatment may vary with condition of victim and specifics of incident. Call **1-800-633-8253** for additional information.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:

383°F (195°C) (minimum) Cleveland Open Cup

FLAMMABLE LIMITS IN AIR:

LOWER: Not available

UPPER: Not available

AUTOIGNITION TEMPERATURE:

Not available

HAZARDOUS COMBUSTION PRODUCTS:

Decomposition and combustion materials may be toxic. Burning may produce aldehydes, hydrogen sulfide, alkyl mercaptans, sulfides, carbon monoxide, oxides of sulfur, calcium and zinc and other unidentified organic compounds.

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CONDITIONS OF FLAMMABILITY:

Heat, sparks, or flame. Product may burn, but does not ignite readily.

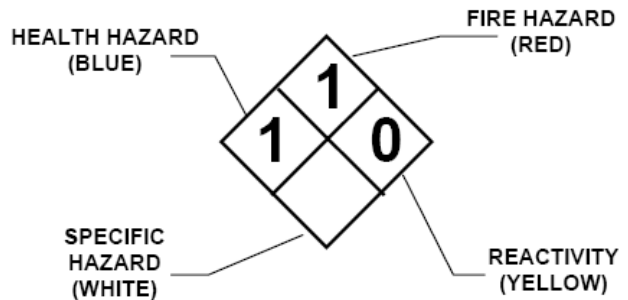
EXTINGUISHING MEDIA:

Carbon dioxide, regular foam, dry chemical, water spray, or water fog. Water or foam may cause frothing.

NFPA 704

HAZARD IDENTIFICATION:

This information is intended solely for the use by individuals trained in this system.



FIRE FIGHTING INSTRUCTIONS:

Keep storage containers cool with water spray. A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

FIRE AND EXPLOSION HAZARDS:

Heated containers may rupture. "Empty" containers may retain residue and can be dangerous. Products are not sensitive to mechanical impact or static discharge.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. Wear protective equipment and provide engineering controls as specified in **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**. **Isolate hazard area. Keep unnecessary and unprotected personnel from entering.** Ventilate area and avoid breathing vapor or mist. Contain spill away from surface water and sewers. Contain spill as a liquid for possible recovery, or sorb with compatible sorbent material and shovel with a clean, spark proof tool into a sealable container for disposal.

Additionally, for large spills: Dike far ahead of liquid spill for collection and later disposal.

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SECTION 7: HANDLING AND STORAGE

HANDLING:

Keep away from sparks or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean tools. When transferring large volumes of product, metal containers, including trucks and tank cars, should be grounded and bonded. These products have a low vapor pressure and are not expected to present an inhalation hazard under normal temperatures and pressures. However, when aerosolizing, misting, or heating these products, do not breathe vapor or mist. Use in a well ventilated area. Avoid contact with eyes, skin, clothing, and shoes.

SHIPPING AND STORING:

Keep container tightly closed when not in use and during transport. Store containers in a cool, dry place. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from flame, sparks, static electricity, or other sources of ignition. Empty product containers may retain product residue and can be dangerous.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below applicable exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION:

No respiratory protection is normally required. Use NIOSH-certified P- or R Series particulate filter and organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. Protection provided by air purifying respirators is limited. Do not use N-rated respirators. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4.

EYE PROTECTION:

Where eye contact is likely, wear safety glasses; contact lens use is not recommended.

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SKIN PROTECTION:

Where skin contact is likely, wear neoprene, nitrile, or equivalent protective gloves; use of natural rubber or equivalent gloves is not recommended.

When products are heated and skin contact is likely, wear heat-resistant gloves, boots, and other protective clothing.

To avoid prolonged or repeated contact where spills and splashes are likely, wear appropriate chemical-resistant face shield, boots, apron, coveralls, long sleeve shirts, or other protective clothing.

PERSONAL HYGIENE:

Use good personal hygiene. Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse. Discard leather articles, such as shoes, saturated with these products.

OTHER PROTECTIVE EQUIPMENT:

Where spills and splashes are likely, facilities storing or using these products should be equipped with an emergency eyewash and shower, both equipped with clean water, in the immediate work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE, APPEARANCE, AND ODOR:

Liquid, amber, petroleum odor.

ODOR THRESHOLD:

Not available

MOLECULAR WEIGHT:

Not applicable

SPECIFIC GRAVITY:

0.88 (water = 1) (approximately)

DENSITY:

7.3 LB/US gal (880 g/l) (approximately)

VAPOR DENSITY:

Not available

VAPOR PRESSURE:

less than 0.1 mmHg at 68°F (20°C)

BOILING POINT:

475°F (246°C) (minimum)

FREEZING/MELTING POINT:

Not available [pour point 0°F (-18°C) (maximum)].

pH:

Not applicable

EVAPORATION RATE:

Not available

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SOLUBILITY IN WATER:	Insoluble
FLASH POINT:	383°F (195°C) minimum Cleveland Open Cup
FLAMMABLE LIMITS IN AIR:	LOWER: Not available UPPER: Not available
AUTOIGNITION TEMPERATURE:	Not available

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal temperatures and pressures. Avoid sparks or flame when not in use.
INCOMPATIBILITY:	Avoid oxidizing agents, acids and reactive halogens.
REACTIVITY:	Polymerization is not known to occur under normal temperature and pressures. Not reactive with water.
HAZARDOUS DECOMPOSITION PRODUCTS:	None under normal temperatures and pressures. See also SECTION 5: HAZARDOUS COMBUSTION PRODUCTS.

SECTION 11: TOXICOLOGICAL INFORMATION

SENSITIZATION:	Based on best current information, there is no known human sensitization associated with these products.
MUTAGENICITY:	Experimental evidence suggests that these products do not cause mutagenesis.
CARCINOGENICITY:	Based on best current information, there is no known carcinogenicity as categorized by ACGIH A1 or A2 substances; as categorized by IARC Group 1, Group 2A, or Group 2B agents; or as listed by NTP as either known carcinogens or substances for which there is limited evidence of carcinogenicity in humans or sufficient evidence of carcinogenicity in experimental animals. Also see SECTION 15: CALIFORNIA.
REPRODUCTIVE TOXICITY:	Based on best current information, there is no known reproductive toxicity associated with these products. Also see SECTION 15: CALIFORNIA.

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TERATOGENICITY: Based on best current information, there is no known teratogenicity associated with these products.

TOXICOLOGICALLY SYNERGISTIC PRODUCT(S): Based on best current information, there are no known toxicologically synergistic products associated with these products.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: OCTANOL/WATER Not available.

PARTITION COEFFICIENT: Not available

VOLATILE ORGANIC COMPOUNDS: Negligible.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste.

USEPA WASTE CODE(S): These products, if discarded, are not expected to be a characteristic or listed hazardous waste. If recycled in the USA, they must be managed in accordance with 40 CFR Part 279. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of these products.

SECTION 14: TRANSPORT INFORMATION

DOT: Not regulated

TDG: Not regulated

EMERGENCY RESPONSE Not applicable.

GUIDE NUMBER: Reference *North American Emergency Response Guidebook*

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SECTION 15: REGULATORY INFORMATION

USA REGULATIONS

SARA SECTIONS 302 AND 304:

Based on the ingredient(s) listed in **SECTION 2**, these products do not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

SARA SECTIONS 311 AND 312:

These products pose the following health hazard(s) as defined in 40 CFR Part 370 and are subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):

Immediate (Acute) Health Hazard
Delayed (Chronic) Health Hazard

SARA SECTION 313:

These products contain "toxic" chemical(s) subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

Material	CAS
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (related to zinc compounds)	68649-42-3

CERCLA:

Based on the ingredient(s) listed in **SECTION 2**, this product does not contain any "hazardous substances" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.

TSCA:

All the components of these products are listed on, or are automatically included as "naturally occurring chemical substances" on, or are exempted from the requirement to be listed on, the TSCA Inventory.

CALIFORNIA:

These products may contain a detectable amount of arsenic CAS 7440-38-2, benzene CAS 71-43-2, cadmium CAS 7440-43-9 and lead CAS 7439-92-1 from additives. These products may contain a detectable amount of benzo(a)anthracene CAS 56-55-3, benzo(b)fluoranthene CAS 205-99-2, benzo(k)fluoranthene CAS 207-08-9, benzo(a)pyrene CAS 50-32-8, chrysene CAS 218-01-9, dibenz(a,h)anthracene CAS 53-70-3 and indeno(1,2,3-cd)pyrene CAS 193-39-5. WARNING: These chemicals are known to the State of California to cause cancer. Our testing of these products indicates that these chemicals are not always detectable.

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These products may contain a detectable amount of arsenic CAS 7440-38-2, benzene CAS 71-43-2, cadmium CAS 7440-43-9 and lead CAS 7439-92-1 from additives. WARNING: These chemicals are known to the State of California to cause birth defects or other reproductive harm.

CANADIAN REGULATIONS

These products have been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all information required by the CPR.

WHMIS:

Not regulated

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):

All the components of these products are listed on, or are automatically included as "substance occurring in nature" on, or are exempted from the requirements to be listed on, the Canadian Domestic Substances List (DSL).

SECTION 16. OTHER INFORMATION

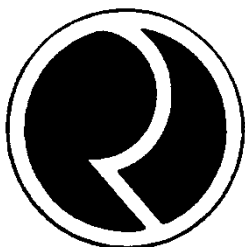
REVISION INFORMATION:

This SDS has been revised in the following sections: Section 1 (Dates, Supplier Address), Section 2 (GHS Label Elements).

LABEL/OTHER INFORMATION:

Not available

User assumes all risks incident to the use of this (these) product(s). To the best of our knowledge, the information contained herein is accurate. However, J.M. Reynolds Oil; Co. Inc. assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either express or implied, or merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the product(s) as supplied to the user.



J. M. Reynolds Oil Co. Inc

395 South Huntington Street

Wabash, IN 46992

(260)563-3317

Fax(260)563-4692