

KRT RACING OIL, 12 X 1 QT/CS



JOE GIBBS RACING
MSDS
PO Box 2607
HUNTERSVILLE NC 28078

**Subject: Material Safety Data
Sheets (480)**

Date: 01/30/2012

Dear Sirs and Madams,

Please find enclosed the MSDS's sent to you in accordance to the regulations of the sending country relative to the products(s).

KRT RACING OIL, 12 X 1 QT/CS

This information is provided to you for the following reason:

The MSDS has been revised since the product was last ordered by your company.

Thanking you in advance for your cooperation, please accept our best regards,

THE LUBRIZOL CORPORATION
29400 LAKELAND BOULEVARD
WICKLIFFE, OH 44092-2298
PHONE: (440)943-1200
0001 0001518414

Log on to www.mylubrizol.com to get the most up to date MSDS. You can also view the MSDS Change Report online that lists MSDS with changes in the last 30 days.



Prepared according to 29CFR 1910.1200.

1	Chemical Product and Company Identification
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THE LUBRIZOL CORPORATION
29400 LAKELAND BOULEVARD
WICKLIFFE, OH 44092-2298
PHONE: (440)943-1200

Product Trade Name	KRT RACING OIL, 12 X 1 QT/CS
CAS Number	Not applicable for mixtures.
Synonyms	None.
Generic Chemical Name	Mixture.
Product Type	Multipurpose.
Preparation/Revision Date	28 January 2012
Transportation Emergency Phone No.	FOR TRANSPORT EMERGENCY call CHEMTREC: (+1) 703-527-3887 (outside the U.S.), 1-800-424-9300 (in the U.S.)
MSDS No.	81407963-1926211-901231-102103

2	Hazards Identification
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Appearance	Dark amber colored liquid.
Odor	Mild
Principal Hazards	Warning. <ul style="list-style-type: none"> • Harmful if inhaled.

See Section 11 for complete health hazard information.

3	Composition/Information on Ingredients
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Hazardous Ingredients

Comp	CAS No.	Percentage (by wt.)	Carcinogen
1-Dodecene, dimer, hydrogenate	Confidential.	From 40 to 49.9 percent	N/E

(N/E) - None established

4	First Aid Measures
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Eyes	Rinse cautiously with water for 20 minutes or until chemical is removed. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical attention.
Skin	Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation develops. Launder contaminated clothing before reuse.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor.
Oral	Do NOT induce vomiting. Never give anything by mouth to a person who is losing consciousness, unconscious or convulsing. Call a poison center or doctor if exposed or you feel unwell.
Additional Information	Note to physician: Treat symptomatically.

5	Fire Fighting Measures
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Flash Point	172 °C, 341.6 °F PMCC (Typical)
Extinguishing Media	CO2, dry chemical, foam, water spray, water fog.
Firefighting Procedures	Recommend wearing self-contained breathing apparatus. Do not use a water jet. Use water to cool containers exposed to fire. A solid stream of water will spread the burning material. Spills produce extremely slippery surfaces. Do not release chemically contaminated water into drains, soil or surface water.
Unusual Fire & Explosion Hazards	Burning may produce irritating, toxic and obnoxious fumes. Container may rupture in a fire situation. DO NOT USE a solid stream of water. See section 10 for additional information.

6	Accidental Release Measures
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Spill Procedures

Only trained personnel should be permitted in area. Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Take precautions to avoid release to the environment. Ventilate area if spilled in confined space or other poorly ventilated areas. Shut off leak if without risk. Prevent entry into sewers and waterways, dispose of in accordance with all federal, state and local environmental regulation. Material on floors may be slippery. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Place in metal containers for recovery or disposal. Do not touch or walk through spilled material. Pump any free liquid into an appropriate closed container.

7	Handling and Storage
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Pumping Temperature

Ambient

Maximum Handling Temperature

70 °C, 158 °F

Handling Procedures

Keep containers closed when not in use. Do not discharge into drains or the environment, dispose to an authorized waste collection point. Use appropriate containment to avoid environmental contamination. Avoid contact with skin or eyes. When handling, do not eat, drink, or smoke. Avoid breathing dust, fume, gas, mist, vapors or spray. Ground and bond containers when transferring material. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Launder contaminated clothing before reuse. Empty containers retain material residue. Do not cut, weld, braze, solder, drill, grind or expose containers to heat, flame, spark or other sources of ignition. Dispose of packaging or containers in accordance with local, regional, national and international regulations.

Maximum Storage Temperature

45 °C, 113 °F

Storage Procedures

Store separately from oxidizers. Take precautions to avoid release to the environment. Store in a dry, well-ventilated place. Store separately from incompatible materials. Keep container tightly closed. Containers which are open must be carefully resealed and kept upright to prevent leakage. Do not store in open, unlabeled or mislabeled containers. See section 10 for incompatible materials.

Maximum Loading Temperature

70 °C, 158 °F

8	Exposure Controls/Personal Protection
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Exposure Limits

None established

Other Exposure Limits

Contains mineral oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter, ACGIH STEL of 10 mg per cubic meter.

Engineering Controls

Use local exhaust ventilation to control mists or vapors. Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits.

Gloves Procedures

Consult clothing/glove manufacturer to determine appropriate type of glove for given situation. Gloves should always be inspected before each use and discarded if they show tears, pinholes, or signs of wear.

Eye Protection

Safety glasses. If potential for splash or mist exists, wear chemical goggles or faceshield.

Respiratory Protection

Use NIOSH/MSHA approved respirator with a combination organic vapor and high efficiency filter cartridge if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

Clothing Recommendation

Long sleeve shirt is recommended. Wear a chemically protective apron when contact with material may occur. Do not wear rings, watches or similar apparel that could entrap the material and cause a skin reaction. Launder contaminated clothing before reuse.

9	Physical and Chemical Properties
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Flash Point

172 °C, 341.6 °F PMCC (Typical)

Upper Flammable Limit

Not determined.

Lower Flammable Limit

Not determined.

Autoignition Point

Not determined.

Explosion Data

Material does not have explosive properties.

Vapor Pressure

Not determined.

pH

Not determined.

Specific Gravity

0.84 (15.6 °C)

Bulk Density

6.96 Lb/gal, 0.83 Kg/L

Water Solubility

Insoluble.

Percent Solid

Not determined.

Percent Volatile

Not determined.

Volatile Organic Compound

Not determined.

Vapor Density

Not determined.

Evaporation Rate

Not determined.

Odor

Mild

Appearance

Dark amber colored liquid.

Viscosity

47 Centistokes (25 °C)
26 Centistokes (40 °C)
5.9 Centistokes (100 °C)

Odor Threshold

Not determined.

Boiling Point

Not determined.

Pour Point Temperature

-36 °C, -33 °F

KRT RACING OIL, 12 X 1 QT/CS**Melting / Freezing Point**

Not determined.

The above data are typical values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.

10	Stability and Reactivity
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Stability	Material is normally stable at moderately elevated temperatures and pressures.
Decomposition Temperature	Not determined.
Incompatibility	Strong oxidizing agents. Nitrates Peroxides. Chlorates
Polymerization	Will not occur.
Thermal Decomposition	Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion. Hydrogen sulfide and alkyl mercaptans and sulfides may also be released.
Conditions to Avoid	Do not expose to excessive heat, ignition sources, or oxidizing materials.

11	Toxicological Information
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-- ACUTE EXPOSURE --

Eye Irritation	Not expected to cause eye irritation. Based on data from components or similar materials.
Skin Irritation	Not expected to be a primary skin irritant. Based on data from components or similar materials. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin.
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.
Dermal Toxicity	The LD50 in rabbits is > 2000 mg/Kg. Based on data from components or similar materials.
Inhalation Toxicity	The LC50 (1 hr.) in rats for dust or mist of this material is 2.0 - 20 mg/l. Based on data from components or similar materials.

Comp	Percentage (by wt.)	LC50 (4 Hr.)	Form
1-Dodecene, dimer, hydrogenate	From 40 to 49.9 percent	1.5mg/l	Particulate/Mist

Oral Toxicity	The LD50 in rats is > 10,000 mg/Kg. Based on data from components or similar materials. Material can be aspirated into the lungs during the act of swallowing or vomiting. This could result in pulmonary edema and chemical pneumonitis.
Dermal Sensitization	No data available to indicate product or components may be a skin sensitizer.
Inhalation Sensitization	No data available to indicate product or components may be respiratory sensitizers.

-- CHRONIC EXPOSURE --

Chronic Toxicity	No data available to indicate product or components present at greater than 1% are chronic health hazards.
Carcinogenicity	This product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 test.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive Toxicity	No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.
Teratogenicity	No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

-- ADDITIONAL INFORMATION --

Other	No other health hazards known.
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12	Ecological Information
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-- ENVIRONMENTAL TOXICITY --

Freshwater Fish Toxicity	Not determined.
Freshwater Invertebrates Toxicity	Not determined.
Algal Inhibition	Not determined.
Saltwater Fish Toxicity	Not determined.
Saltwater Invertebrates Toxicity	Not determined.
Bacteria Toxicity	Not determined.
Miscellaneous Toxicity	Not determined.

-- ENVIRONMENTAL FATE --

Biodegradation	At least 25% of the components in this product show limited biodegradation based on OECD 302-type test data.
Bioaccumulation	25% or greater of the components potentially bioconcentrate, based on octanol/water coefficients.
Soil Mobility	Not determined.

13	Disposal Considerations
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KRT RACING OIL, 12 X 1 QT/CS

Waste Disposal

This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261. Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

14	Transport Information
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ICAO/IATA I	Not regulated.
ICAO/IATA II	Not regulated.
IMDG	Not regulated.
IMDG EMS Fire	Not applicable.
IMDG EMS Spill	Not applicable.
IMDG MFAG	Not applicable.
MARPOL Annex II	Not determined.
USCG Compatibility	Not determined.
U.S. DOT Bulk	Not regulated.
DOT NAERG	Not applicable.
U.S. DOT (Intermediate)	Not regulated.
U.S. DOT Intermediate NAERG	Not applicable.
U.S. DOT Non-Bulk	Not regulated.
U.S. DOT Non-Bulk NAERG	Not applicable.
Canada	Not regulated.
Mexico	Not regulated.
Bulk Quantity	85000 KG, 187391 lbs.
Intermediate Quantity	11000 KG, 24251 lbs.
Non-Bulk Quantity	400 KG, 882 lbs.

Review classification requirements before shipping materials at elevated temperatures.

15	Regulatory Information
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-- Global Chemical Inventories --

USA	All components of this material are on the US TSCA Inventory or are exempt.
Other TSCA Reg.	None known.
EU	This product requires notification under the EC Seventh Amendment Directive 92/32/EEC.
Japan	All components are in compliance with the Chemical Substances Control Law of Japan.
Australia	This product requires notification before sale in Australia.
New Zealand	May require notification before sale under New Zealand regulations.
Canada	This product requires notification before sale in Canada.
Switzerland	This product requires notification before sale in Switzerland.
Korea	This product requires notification before sale in Korea.
Philippines	All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).
China	This product requires notification in China.
Taiwan	May require notification before sale in Taiwan.

-- Other U.S. Federal Regulations --

SARA Ext. Haz. Subst.	This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.								
SARA Section 313	This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.								
SARA 311 Classifications	<table border="1"> <tr> <td>Acute Hazard</td><td>Yes</td></tr> <tr> <td>Chronic Hazard</td><td>No</td></tr> <tr> <td>Fire Hazard</td><td>No</td></tr> <tr> <td>Reactivity Hazard</td><td>No</td></tr> </table>	Acute Hazard	Yes	Chronic Hazard	No	Fire Hazard	No	Reactivity Hazard	No
Acute Hazard	Yes								
Chronic Hazard	No								
Fire Hazard	No								
Reactivity Hazard	No								
CERCLA Hazardous Substances	None known.								

-- State Regulations --

Cal. Prop. 65	This product contains the following chemical(s) known to the state of California to cause cancer and/or birth defects based on maximum impurity levels of components: < 0.05 ppm cadmium < 0.05 ppm lead < 0.05 ppm arsenic 2 ppm Silicon dioxide, CAS no. 14808-60-7
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-- Product Registrations --

U.S. Fuel Registration	Not applicable.
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KRT RACING OIL, 12 X 1 QT/CS

Finnish Registration Number	Not Registered
Swedish Registration Number	Not Registered
Norwegian Registration Number	Not Registered
Danish Registration Number	Not Registered
Swiss Registration Number	Not Registered
Italian Registration Number	Not Registered

-- Other / International --

Miscellaneous Regulatory Information	Not determined.
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16	Other Information
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US NFPA Codes

Health	Fire	Reactivity	Special
1	1	1	N/E

(N/E) - None established

HMIS Codes

Health	Fire	Reactivity
1	1	1

Precautionary Labels

Warning.

- Harmful if inhaled.

Revision Indicators

This MSDS has no revisions since 28 January 2012

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.