

**SYNTHETIC LUBRICANTS, INC**

1411 Callaghan Drive  
Greenville, MI 48838

**MATERIAL SAFETY DATA SHEET**

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Date of Preparation: October 15, 2009  
Revision Number: 2  
Emergency Telephone Number: (616) 754-1050

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Product Name

**COOLANT KING™**  
Water Soluble Oil

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**Section I: Ingredients**

Name of Ingredient: Proprietary Mixture

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

| <u>CHEMICAL NAME:</u>  | <u>CAS #</u> | <u>%</u> |
|--|--------------|----------|
| Severely hydrotreated, Heavy, Naphthenic<br>Chemically neutralized oil | 64742-52-5   | 50-55    |
| Severely hydrotreated, Light Naphthenic<br>Chemically neutralized oil  | 64742-53-6   | 45-50    |

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**Section II: Physical Data**

|                            |                             |
|----------------------------|-----------------------------|
| Boiling Point:             | 109° C.                     |
| Vapor Pressure:            | Not determined              |
| Vapor Density:             | Not determined              |
| Solubility in Water:       | Emulsifies at 5%            |
| pH @ 20:1                  | 9.0 ± .3                    |
| Specific Gravity: @ 60° F. | 0.96 ± 0.01                 |
| Appearance:                | Clear almond colored liquid |
| Odor:                      | Slight Hydrocarbon Odor     |

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**Section III: Fire & Explosion Data**

|                      |  |
|----------------------|--|
| Flash Point:         | 222°F  |
| Method Used:         | PMCC   |
| Flammable Limits:    | LFL & UFL: none  |
| Extinguishing Media: | Water, Foam, or Carbon Dioxide.  |
| Explosion Hazards:   | Intense heat can cause drums to rupture. Cool fire-exposed containers with water. Combustion may produce oxides of C, N, S, HC, and HCL. |
| Fire Fighting Equip: | Treat as hot oil. Fire fighters should wear NIOSH approved self-contained breathing apparatus.   |

#### **Section IV: Reactivity Data**

Stability: (Conditions to Avoid) Stable under normal storage and use conditions.

Incompatibility: (Materials to Avoid) Strong oxidizers. Use on Magnesium is not recommended, therefore, Synthetic Lubricants, Inc is not responsible for customers that use this product on Magnesium

Hazardous Decomposition Products: Combustion may produce oxides of C, N, S, HC and HCL.

Hazardous Polymerization: Will not occur.

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#### **Section V: Environmental & Disposal**

Spillage: Treat as oil spill. Dike area. Clean up with absorbents. Do not flush into drain or sewer. Place in DOT approved container for disposal.

Disposal Method: Used coolant must be disposed of by a waste management facility. Dispose of according to federal, state and local regulations.

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#### **Section VI: Health Hazard Data**

Eye Contact: Contact may cause irritation.

Skin Contact: Repeated contact may cause irritation.

Skin absorption: Not likely to occur

Ingestion: May cause nausea

Inhalation: Inhalation of oil mist is harmful and may cause lung damage.

Systemic (other target organ) Effects: None known

Carcinogenicity: IARC: No            NTP: No            OSHA: No

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#### **Section VII: First Aid**

Eyes: Flush with large amounts of water

Skin: Wash thoroughly with soap and water.

Ingestion: Obtain medical assistance.

Inhalation: Remove to fresh air. If symptoms persist, consult a physician.

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#### **Section VIII: Handling Precautions**

Exposure Guideline: Naphthenic severely hydrotreated chemically neutralized oil (Mist): OSHA PEL: 5mg/m<sup>3</sup>

Ventilation: General room ventilation should be satisfactory. Local exhaust ventilation may be necessary if misting is generated.

Respiratory Protection: None normally required. If mist is above 5mg/m<sup>3</sup>, use NIOSH approved respirator.

Skin Protection: Oil resistant gloves for prolonged or repeated contact.

Eye Protection: Safety glasses.

Transportation: Is not regulated as a hazardous material

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#### **Section IX: Work/Hygienic Practices**

Avoid prolonged breathing of mist and vapors. Use as directed. Normal precautions should be followed in handling and storing.

Wash hands before eating, drinking or smoking.

Avoid unnecessary skin and eye contact with product.

Keep out of reach of children.

### Section X: Comments

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date show above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another, it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws and regulations.

Toxic Substances Control Act (TSCA).

The components of this product are listed on the TSCA inventory.

This product contains the toxic chemicals listed below, which are subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 ("SARA") and the requirements of 40 CFR part 372. **None**

This product contains the following ingredient(s), which are regulated under the Clean Air Act Section 112 hazardous air pollutants and is subject to all reporting requirements of CERCLA (Superfund). **None**

This notice must not be detached from the foregoing MSDS. If the MSDS is copied for any reason, including distribution, this notice must also be copied and accompany all redistributed MSDS. Failure to do so may subject you to penalties under law.

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### Section XI: Transporting

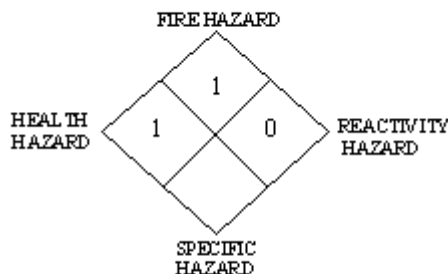
Proper Shipping Name: Non-regulated

DOT Hazard Class: Non-regulated

#### HMIS III:

|   |                      |
|---|----------------------|
| 1 | HEALTH               |
| 1 | FLAMMABILITY         |
| 0 | REACTIVITY           |
| C | PROTECTIVE EQUIPMENT |

#### NFPA HAZARD RATINGS:



NFPA 704 ratings are subject to interpretation and are only intended for general identification of the level of the specific hazard. All information must be considered for proper safe handling of the material.