Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name
5W-40 CK-4SN Full Synthetic HDDEO

Product Code
Prefix 22

Synonyms
None.

Product Use
Motor oil. If this product is used in combination with other products, refer to the Safety Data Sheet for those products.

Restrictions on Use
None known.

FOR PRODUCT MANUFACTURED IN THE U.S.A.:

MANUFACTURER
Kleen Performance Products
2600 North Central Expressway
Suite 200
Richardson, TX 75080

SUPPLIER
Safety-Kleen Canada Inc.
25 Regan Road
Brampton, Ontario, Canada L1A 1B2

FOR PRODUCT MANUFACTURED IN CANADA:

MANUFACTURER
Kleen Performance Products
25 Regan Road
Brampton, Ontario, Canada L1A 1B2

SUPPLIER
Safety-Kleen Systems, Inc.
2600 North Central Expressway
Suite 200
Richardson, TX 75080

www.safety-kleen.com
Phone: 1-800-669-5740
Emergency Phone #: 1-800-468-1760

Issue Date
October 9, 2017

Supersedes Issue Date
New Issue SDS

Original Issue Date
October 9, 2017

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with Schedule 1 of Canada’s Hazardous Products Regulations (HPR)
(SOR/2015-17) and paragraph (d) of 29 CFR 1910.1200 in the United States

Skin Corrosion/Irritation - Category 2
Serious Eye Damage/Eye Irritation - Category 2A
Reproductive Toxicity - Category 1B
GHS Label Elements
Symbol(s)

Signal Word
Danger

Hazard Statement(s)
Causes skin irritation.
Causes serious eye irritation.
May damage fertility or the unborn child.

Precautionary Statement(s)
Prevention
Read label before use. Do not handle until all safety precautions have been read and understood.
Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling.

Response
IF exposed or concerned: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Rinse mouth.

Storage
Store locked up.

Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

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### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS</th>
<th>Component Name</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>72623-87-1</td>
<td>Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based</td>
<td>5-10</td>
</tr>
<tr>
<td>74499-35-7</td>
<td>Phenol, (tetrapropenyl) derivatives</td>
<td>0.1-1</td>
</tr>
</tbody>
</table>

---

### Section 4 - FIRST AID MEASURES

**Inhalation**
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention, if needed.

**Skin**
IF ON SKIN: Wash with plenty of soap and water. Remove and launder contaminated clothing separately from other laundry before reuse. If skin irritation occurs: Get medical advice/attention.

**Eyes**
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention, if needed.
Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Rinse mouth.

Most Important Symptoms/Effects

Acute
Causes skin irritation. Causes serious eye irritation.

Delayed
May damage fertility or the unborn child.

Indication of any immediate medical attention and special treatment needed
Treat symptomatically and supportively. Aspiration may occur during swallowing or vomiting, resulting in lung damage. If vomiting occurs, keep head lower than hips to help prevent aspiration.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

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

Unsuitable Extinguishing Media
Avoid using a direct stream of water.

Special Hazards Arising from the Chemical
Slight fire hazard.

Hazardous Combustion Products
Carbon monoxide, smoke, aldehydes, oxides of sulfur, nitrogen, phosphorus, calcium, copper, magnesium, and sodium, and hydrogen sulfide.

Advice for firefighters
Directly spraying water or foam onto hot burning product may cause frothing.

Fire Fighting Measures
Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Stay away from the ends of tanks. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Keep unnecessary people away, isolate hazard area, and deny entry.

Special Protective Equipment and Precautions for Firefighters
A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures
Avoid breathing vapor. Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wear personal protective clothing and equipment, see Section 8.

Methods and Materials for Containment and Cleaning Up
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 people away, isolate hazard area and deny entry. Do not touch or walk through spilled material. Stop leak if you can do it without risk. 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. There may be specific regulatory reporting requirements associated with spills, leaks, or releases of this product. Also see SECTION 15: REGULATORY INFORMATION.
Section 7 - HANDLING AND STORAGE

Precautions for Safe 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: Skin, eyes, clothing, shoes. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product. Read label before use. Do not handle until all safety precautions have been read and understood. Use Personal Protective equipment as required.

Conditions for Safe Storage, Including any Incompatibilities
Store locked up.
Keep container tightly closed and properly labeled. Store in a cool, dry, well-ventilated area. Store away from heat and direct sunlight. Avoid contact with strong oxidizers. Keep container sealed when not in use. Keep container sealed when not in use. Store and handle in accordance with all current regulations and standards. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Empty product containers may retain product residue and can be dangerous.

Incompatible Materials
Strong oxidizing agents

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits
Canada, ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)
There are no biological limit values for any of this product's components.

Engineering Controls
Provide general ventilation. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls

Individual Protection Measures, such as Personal Protective Equipment
Eye/face protection
Wear safety glasses. Additional protection like goggles, face shields, or respirators may be needed dependent upon anticipated use and concentrations of mists or vapors. Eye wash fountain and emergency showers are recommended. Contact lens use is not recommended.

Respiratory Protection
A respiratory protection program which meets USA's OSHA General Industry Standard 29 CFR 1910.134 or Canada's CSA Standard Z94.4-M1982 requirements must be followed whenever workplace conditions warrant a respirator's use. Consult a qualified Industrial Hygienist or Safety Professional for respirator selection guidance.

Glove Recommendations
Where skin contact is likely, wear chemical impervious 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 faceshield, boots, apron, coveralls, long sleeve shirts, or other protective clothing.

Protective Materials
Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to regulatory requirements. The following PPE should be considered the minimum required: Safety glasses, gloves, lab coat or apron.
Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Data</th>
<th>Property</th>
<th>Data</th>
</tr>
</thead>
<tbody>
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<td>Appearance</td>
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<td>Physical State</td>
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<tr>
<td>Odor</td>
<td>Mild</td>
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<tr>
<td>Odor Threshold</td>
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<td>pH</td>
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<tr>
<td>Melting Point</td>
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<td>Boiling Point</td>
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<tr>
<td>Boiling Point Range</td>
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<td>Freezing point</td>
<td>Not available</td>
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<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
<td>Flammability (solid, gas)</td>
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<td>Autoignition Temperature</td>
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<td>Lower Explosive Limit</td>
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<td>Decomposition temperature</td>
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<td>10</td>
<td>Vapor Pressure</td>
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<td>Vapor Density (air=1)</td>
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<td>Specific Gravity (water=1)</td>
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<tr>
<td>Water Solubility</td>
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<tr>
<td>Viscosity</td>
<td>Not available</td>
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<tr>
<td>Solubility (Other)</td>
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<tr>
<td>VOC</td>
<td>0</td>
<td>Molecular Weight</td>
<td>Not available</td>
</tr>
</tbody>
</table>

Other Information

No additional information is available.

Section 10 - STABILITY AND REACTIVITY

Reactivity

No reactivity hazard is expected.

Chemical Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

Hazardous polymerization is not expected to occur.

Conditions to Avoid

Avoid exposure to high temperature. Avoid contact with moisture.

Incompatible Materials

Strong oxidizing agents

Hazardous decomposition products

Carbon monoxide, aldehydes, oxides of sulfur, nitrogen, phosphorus, calcium, copper, magnesium, and sodium, and hydrogen sulfide and smoke.
Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure
Inhalation
Aspiration into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

Skin Contact
Causes skin irritation.

Eye Contact
Causes serious eye irritation.

Ingestion
Aspiration into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

Acute and Chronic Toxicity
Component Analysis - LD50/LC50
The components of this material have been reviewed in various sources and the following selected endpoints are published:

- **Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based (72623-87-1)**
  - Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg; Inhalation LC50 Rat 2.18 mg/L 4 h

- **Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)**
  - Oral LD50 Rat >15 g/kg (no deaths occurred); Dermal LD50 Rabbit >5000 mg/kg (no deaths occurred)
  - Inhalation LC50 Rat >2400 mg/m3 4 h (no deaths occurred)

- **Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742-65-0)**
  - Oral LD50 Rat >15000 mg/kg (no deaths occurred); Dermal LD50 Rabbit >5000 mg/kg (no deaths occurred)
  - Inhalation LC50 Rabbit >2400 mg/m3 4 h (no deaths occurred)

Product Toxicity Data
Acute Toxicity Estimate

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Dermal</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>Oral</td>
<td>&gt; 2000 mg/kg</td>
</tr>
</tbody>
</table>

Immediate Effects
Causes skin irritation. Causes serious eye irritation.

Delayed Effects
May damage fertility or the unborn child.

Irritation/Corrosivity Data
Causes skin irritation. Causes serious eye irritation.

Respiratory Sensitization
No information available for the product.

Dermal Sensitization
No information available for the product.

Component Carcinogenicity
None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA

Germ Cell Mutagenicity
No information available for the product.

Tumorigenic Data
No information available for the product.

Reproductive Toxicity
May damage fertility or the unborn child.

Specific Target Organ Toxicity - Single Exposure
No information on significant adverse effects.
Specific Target Organ Toxicity - Repeated Exposure
No information on significant adverse effects.

Aspiration hazard
Aspiration into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

Medical Conditions Aggravated by Exposure
No data available.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity
Toxic to aquatic life with long lasting effects.

Component Analysis - Aquatic Toxicity

<table>
<thead>
<tr>
<th>Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based</th>
<th>72623-87-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fish:</td>
<td>LC50 96 h Oncorhynchus mykiss &gt;5000 mg/L</td>
</tr>
<tr>
<td>Invertebrate:</td>
<td>EC50 48 h Daphnia magna &gt;1000 mg/L IUCLID</td>
</tr>
</tbody>
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</tr>
</tbody>
</table>

Persistence and Degradability
No information for product is available.

Bioaccumulative Potential
No information available for the product.

Mobility
Expected to have low mobility in soil.

Other Toxicity
No information available for the product.
Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods
Dispose of contents/container in accordance with local/regional/national/international regulations.
Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact Kleen Performance Products regarding proper recycling or disposal.
This product, if discarded, is not expected to be a characteristic or listed hazardous waste. If recycled in the USA, it can be managed in accordance with the used oil exemption under 40 CFR Part 279. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of this product.

Section 14 - TRANSPORT INFORMATION

US DOT Information: Not regulated for transportation.
IATA Information: Not regulated for transportation.
IMDG Information: Not regulated for transportation.
TDG Information: Not regulated for transportation.

International Bulk Chemical Code
This material does not contain any chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations
None of this product's components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.
SARA Section 311/312 (40 CFR 370 Subparts B and C) reporting categories
Reproductive Toxicity; Skin Corrosion/Irritation; Serious Eye Damage/Eye Irritation

U.S. State Regulations
None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.

Not listed under California Proposition 65

Canada Regulations
Canadian WHMIS Ingredient Disclosure List (IDL)
The components of this product are either not listed on the IDL or are present below the threshold limit listed on the IDL.

Component Analysis - Inventory
Lubricating oils, petroleum, C20-50, hydrotreated neutral oil-based (72623-87-1)

<table>
<thead>
<tr>
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<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>
### Section 16 - OTHER INFORMATION

**NFPA Ratings**
- Health: 2
- Fire: 1
- Reactivity: 0

**Hazard Scale:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

**Summary of Changes**
- 2019-02: Update to branding, Section 1, and Section 9.

**Key / Legend**
- ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania*; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CFR - Code of Federal Regulations (US); CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EC - European Commission; EEC - European Economic Community; EIN - European Inventory of (Existing Commercial Chemical Substances); EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; IUCLID - International Uniform Chemical Information Database; JP - Japan; Kow - Octanol/water partition coefficient; KR KECI Annex 1 - Korea Existing Chemicals Inventory
Other Information

Disclaimer:

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, Kleen Performance Products assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information or the product to which the information refers. The data contained on this sheet apply to the product as supplied to the user.