



# SAFETY DATA SHEET

## 1. Identification

**Diamond Plate® Diamond Plate® SAE 15W-40 CI-4 Plus Synthetic Blend Engine Oil**

**Product Use:** SYNTHETIC BLEND ENGINE OIL

**Product Number(s):** DUR15/40XX

**Synonyms:** Duragard® Synthetic Blend CI-4 Plus SAE 15W-40, Duragard® Diamond Plate® Synthetic Blend SAE 15W-40 CI-4 Plus Motor Oil

### Company Identification

Advantage Dist. & Lubricants, LLC  
3434 Marion RD SE  
Rochester, MN 55904  
United States of America  
www.advantagelubes.com

### Transportation Emergency Response

CHEMTREC: (800) 424-9300 US, Canada, or U.S. Virgin Islands or (703) 527-3887 all other areas.

### Health Emergency

Poison Control Center: Located in the USA. 1-800-222-1222

### Product Information:

email: info@advantagelubes.com

**Product Information:** (800) 420-1414, (507) 289-5555 local

**MSDS Requests:** (800) 420-1414, (507) 289-5555 local

## 2. Hazard(s) identification

**Classification of the chemical in accordance with paragraph (d) of §1910.1200:**

**GHS Hazard  
Symbols:**



**GHS Classification:**

Reproductive Toxicity Category 2

Hazardous to the aquatic environment - Acute Category 2

**Signal Word:**

Warning

**Hazard Statements:**

Suspected of damaging fertility or the unborn child.; Toxic to aquatic life

**Precautionary Statements:**

**Prevention:**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

If exposed or concerned: Get medical advice/attention.

**Storage:**

Store locked up.



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

**Hazards not otherwise classified:** No data available

**% unknown toxicity (Dermal):** 10.14415 % of the mixture consists of ingredient(s) of unknown toxicity.

**% unknown toxicity (Inhalation Gas):** 14.823681 % of the mixture consists of ingredient(s) of unknown toxicity.

### 3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Phenol, (tetrapropenyl) derivatives	No data available	74499-35-7	0.1 - 1

One or more hazardous ingredient(s) is claimed as a trade secret under the OSHA Hazard Communication Standard. The hazards of this (these) ingredient(s) are given on this SDS.

### 4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

**Inhalation:** Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.

**Eye Contact:** Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

**Skin Contact:** Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists. Seek medical advice if symptoms persist.

**Ingestion:** Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS.

**Most important symptoms/effects, acute and delayed:** None Known

**Indication of immediate medical attention and special treatment needed, if necessary:** If exposed or concerned: Get medical advice/attention.

### 5. Fire-fighting measures



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### Suitable (and unsuitable) extinguishing media:

<b>Suitable extinguishing media:</b>	Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid.
<b>Unsuitable extinguishing media:</b>	No data available
<b>Specific hazards arising from the chemical:</b>	No data available
<b>Hazardous combustion products:</b>	Carbon monoxide, Smoke
<b>Special protective equipment and precautions for fire-fighters:</b>	No data available

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures:</b>	Avoid release to the environment.
<b>Methods and materials for containment and cleaning up:</b>	Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Dispose of according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center.

### 7. Handling and storage

<b>Precautions for safe handling:</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
<b>Conditions for safe storage, including any incompatibilities:</b>	
<b>Safe storage conditions:</b>	Store locked up.
<b>Materials to Avoid/Chemical Incompatibility:</b>	Strong oxidizing agents

### 8. Exposure controls/personal protection



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OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH
No data available				

**Appropriate engineering controls:** Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

**Individual protection measures, such as personal protective equipment:**

**Respiratory Protection:** Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

**Respirator Type(s):** None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

**Eye protection:** Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

**Skin protection:** Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

**Gloves:** Neoprene, Nitrile

**General hygiene conditions:** Wear protective gloves/protective clothing/eye protection/face protection.

### 9. Physical and chemical properties

**Appearance (physical state, color etc.):**

**Physical state:** Liquid  
**Color:** Beige  
**Odor:** Mild  
**Odor Threshold:** Not determined



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<b>pH:</b>	No data available
<b>Melting point/freezing point:</b>	
<b>Melting Point:</b>	No data available
<b>Freezing point:</b>	No data available
<b>Initial boiling point and boiling range (°C):</b>	150
<b>Flash Point (°C):</b>	220
<b>Evaporation Rate:</b>	No data available
<b>Flammability (solid, gas):</b>	No data available
<b>Upper/lower flammability or explosive limits:</b>	
<b>Upper flammability or explosive limits:</b>	= 10
<b>Lower flammability or explosive limits:</b>	= 1
<b>Vapor pressure:</b>	No data available
<b>Vapor density:</b>	No data available
<b>Relative density:</b>	0.88
<b>Solubility(ies):</b>	Negligible; 0-1%
<b>Partition coefficient: n-octanol/water:</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition Temperature:</b>	Not determined
<b>Viscosity:</b>	122
<b>Volatile organic compound (VOC) content and percentage of volatiles:</b>	0.000000

### 10. Stability and reactivity

#### Reactivity:

<b>Chemical stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	None expected under standard conditions of storage.
<b>Conditions to avoid (e.g., static discharge, shock, or vibration):</b>	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Moisture (will lead to product performance degradation).
<b>Incompatible materials:</b>	Strong oxidizing agents



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**Hazardous decomposition products:** Carbon monoxide, sulfur oxides, aldehydes, and other petroleum decomposition products in the case of incomplete combustion. Oxides of nitrogen, phosphorus, calcium, copper, magnesium, sodium, and hydrogen sulfide may also be present., Carbon monoxide, Smoke

### 11. Toxicological information

**Description of the various toxicological (health) effects and the available data used to identify those effects:**

**Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):** No data available

**Symptoms related to the physical, chemical and toxicological characteristics:** None Known

**Delayed and immediate effects and also chronic effects from short- and long-term exposure:**

**Ingestion Toxicity:** Although this product has a low order of acute oral toxicity, aspiration of minute amounts into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

**Skin Contact:** This material is likely to be moderately irritating to skin based on animal data. Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

**Absorption:** Likely to be practically non-toxic based on animal data.

**Inhalation Toxicity:** Harmful! Can cause systemic damage (see "Target Organs"). Likely to be practically non-toxic based on animal data.

**Eye Contact:** This material is likely to be non-irritating to eyes based on animal data.

**Sensitization:** No data available

**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

**Carcinogenicity:** Not expected to cause cancer. This product meets the IP-346 criteria of <3% PAH's and is not considered a carcinogen by the International Agency for Research on Cancer.

**STOT-single exposure:** Based on available data, the classification criteria are not met.

**STOT-repeated exposure:** Based on available data, the classification criteria are not met.

**Aspiration hazard:** Based on available data, the classification criteria are not met.

**Other information:** No data available



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Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
No data available			

Is the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
There are no components that are known or reported to cause cancer.			

## 12. Ecological information

**Ecotoxicity (aquatic and terrestrial, where available):** No data available

**Ecological Toxicity Data:**

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Phenol, (tetrapropenyl) derivatives	74499-35-7	0.002 mg/L	0.02 mg/L	Aquatic LC50 (96h) 40 mg/L

**Persistence and degradability:** Biodegrades slowly.

**Bioaccumulative potential:** Bioconcentration may occur.

**Mobility in soil:** This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.

**Other adverse effects (such as hazardous to the ozone layer):** No data available

## 13. Disposal considerations

**Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:** Dispose of contents and container in accordance with local/regional/national/international regulations.

**Contaminated packaging:** Recycle containers whenever possible.



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### 14. Transport information

#### Carriage of dangerous goods by road (DOT), rail or inland waterways:

**DOT Basic Description:** Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO).

#### International carriage of dangerous goods by sea (IMDG/IMO):

**UN number:** Not regulated by IMDG  
**UN Proper shipping name:** Not applicable  
**Transport hazard class(es):** Not applicable  
**Packing group, if applicable:** Not applicable

#### International carriage of dangerous goods by air (IATA):

**UN number:** Not regulated by IATA  
**UN Proper shipping name:** Not applicable  
**Transport hazard class(es):** Not applicable  
**Packing group, if applicable:** Not applicable

**Environmental hazards (e.g., Marine pollutant (Yes/No)):** Yes

**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** No data available

**Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises:** No data available

### 15. Regulatory information

#### Safety, health and environmental regulations specific for the product in question:

**TSCA Status:** All components of this material are on the US TSCA Inventory or are exempt.





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### Regulated Components:

Chemical Name	CAS #	CERCLA	Sara EHS	Sara 313	U.S. HAP
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	N	N	N	N
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	N	N	N	N
Phenol, (tetrapropenyl) derivatives	74499-35-7	N	N	N	N

Chemical Name	CAS #	California Prop 65 - Cancer	California Prop 65 - Dev. Toxicity	California Prop 65 - Reprod fem	California Prop 65 - Reprod male
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	N	N	N	N
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	N	N	N	N
Phenol, (tetrapropenyl) derivatives	74499-35-7	N	N	N	N

Chemical Name	CAS #	Massachusetts RTK List	New Jersey RTK List	Pennsylvania RTK List	Rhode Island RTK List	Minnesota Hazardous Substance List
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	N	N	N	N	N
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	N	N	N	N	N
Phenol, (tetrapropenyl) derivatives	74499-35-7	N	N	N	N	N



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### 16. Other information, including date of preparation or last revision.

<b>SDS Prepared by:</b>	HAZEMS
<b>Revision Date:</b>	06-05-2017
<b>Revision Number:</b>	14
<b>Reason for revision:</b>	Activated by Document Formulation Generation
<b>References:</b>	No data available
<b>Other Info:</b>	No data available
<b>Disclaimer:</b>	<p>This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.</p>