



# SAFETY DATA SHEET

## Advanced HD CK-4 10W30, 15W40

Revision Date: 05-24-2018

### Section 1. Identification

#### Product Identifier

Product Name                   Advanced HD CK-4 10W30, 15W40  
Common Name                 Diesel Engine Oil  
Product Code(s)               26671 / 26681

#### Recommended or Restricted Uses

Recommended Use             Lubricant for diesel engines  
Restricted Use                 Not Applicable

#### Canadian Supplier

Supplier                        49 North Lubricants  
                                      6611 45<sup>th</sup> Street,  
                                      Leduc, Alberta  
                                      T9E 7E3  
                                      Canada  
                                      Tel: (780) 986-9260  
                                      Fax: (780) 986-9650

#### Emergency Telephone Number

Emergency Telephone         CHEMTREC: 1-800-424-9300

### Section 2. Hazard Identification

#### Hazard Classification

WHMIS Regulatory Status     Not Regulated  
  
Physical Hazards             Not Classified  
Health Hazards               Not Classified  
Environmental Hazards       Not Classified  
  
Label Elements               Not Applicable  
Other Hazards                 Not Applicable

### Section 3. Composition / Information on Ingredients

#### Composition

This product does not contain any hazardous ingredients, or ingredients with national workplace exposure limits.

### Section 4. First Aid Measures

#### Route of Exposure

Inhalation:                    Move affected person to fresh air and keep warm and at rest. Loosen tight clothing such as collar, tie or belt. If breathing becomes difficult, properly trained personnel can assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing continues.

Skin Contact:                 Rinse affected area with soap and water.

Eye Contact:                 Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes

Ingestion:                     Rinse mouth thoroughly with water. Do not induce vomiting unless under the direction of medical personnel. Move affected person to fresh air and keep warm and at rest.

## Most Important Systems and Effects

Inhalation:	May Cause: Coughing, Chest Tightness
Skin Contact:	May Cause: Temporary Skin Irritation
Eye Contact:	May Cause: Irritation or Redness in Eyes
Ingestion:	May Cause: Discomfort

## Immediate Medical Attention and Special Treatment

Note for the Doctor	Treat Symptomatically
---------------------	-----------------------

## **Section 5. Fire-Fighting Measures**

### Extinguishing Media

Suitable Extinguishing Media	Extinguish with alcohol-resistant foam, carbon dioxide powder or water fog.
Unsuitable Extinguishing Media	Do not use water jet as an extinguisher, this can spread the fire.

### Specific Hazards Arising from the Hazardous Product

Specific hazards	Containers can burst violently or explode when heated. Contains Hydrocarbons. The product is immiscible with water and will spread on the water surface.
Hazardous combustion products	Hydrocarbons. Carbon Monoxide (CO). Carbon Dioxide (CO <sub>2</sub> ).

### Advice for Firefighters

Protective actions during firefighting	Avoid breathing gases or vapours. Evacuate the area. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.
Special protective equipment for firefighters	Not Applicable.

## **Section 6. Accidental Release Measures**

### Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions	Keep unnecessary and unprotected personnel away from spillage. Wear protective clothing as described in Section 8. Follow safe handling as described in Section 7. Wash thoroughly after dealing with a spill. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material.
----------------------	--

### Methods and Material for Containment and Cleaning Up

Methods for cleaning up	Absorb spillage with non-combustible, absorbent material. For small spillages: wipe up with an absorbent cloth. Avoid discharge into drains or watercourses or onto the ground. For large spillages: Contain the spilled material, removed and dispose of contaminated material with a licensed waste disposal site. If environmental pollution occurs (sewers, waterways, soil or air) inform the relevant authorities. Large spills may require pumping of water or excavation of soil to clean up.
Methods for containment	Use berms, skimmers, and absorbent to contain the spillage where appropriate. Ensure that wildlife is deterred from entering the contaminated area.

## **Section 7. Handling and Storage**

### Precautions for Safe Handling

Usage precautions	Read and follow manufacturer's recommendations. Wear PPE as described in Section 8. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash before eating, drinking or smoking. Handle all packages and containers carefully. Keep all containers tightly sealed when not in use.
-------------------	---

### Conditions for Safe Storage, Including any Incompatibilities

Storage Precautions	Store away from incompatible materials listed in Section 10. Store in accordance with local regulations. Keep containers in a cool, well ventilated location. The storage area floor should be leak-tight and not absorbent.
Storage Class	Not Applicable

### **Section 8. Exposure Controls / Personal Protection**

#### Control Parameters

Occupational Exposure Limits	Not Applicable
------------------------------	----------------

#### Appropriate Engineering Controls

Engineering controls	Provide adequate ventilation. Use engineered ventilation as the primary means to minimize worker exposure.
----------------------	--

#### Individual Protection Measures

General	All personal protective equipment (PPE) should comply with Canada OH&S Regulations (SOR/86-304)
Eye/Face protection	Recommended: Safety glasses. Where splash hazards exist use a face shield as well.
Hand protection	Recommended: Nitrile gloves.
Body protection	Recommended: Long sleeved coveralls.
Respiratory protection	If engineered ventilation is inadequate, use a NIOSH-certified respirator with a dual cartridge for organic vapor and P95 particulates.

### **Section 9. Physical and Chemical Properties**

#### Physical Properties

Physical State	Liquid
Colour	Amber
Odour	Mild
Odour threshold	Not Available

#### Chemical Properties

pH	Not Available
Melting point / freezing point	Not Available
Flash point	> 205 °C (Method: Closed Cup)
Evaporation rate	< 1 (butyl acetate = 1)
Flammability (solid; gas)	Not Available
Lower Explosive Limit	Not Available
Upper Explosive Limit	Not Available
Vapour pressure	< 0.13 kPa @ 20°C
Vapour density	Not Available
Relative density	0.88 – 0.89
Solubility	Insoluble in water
Partition coefficient: n-octanol/water	Not Available
Decomposition temperature	Not Available
Viscosity	Not Available

## Section 10. Stability and Reactivity

Reactivity	Not Available
Stability	Stable under normal conditions and use
Possibility of hazardous reactions	No reactions under normal conditions and use
Conditions to avoid	Not Applicable
Incompatible Materials	Oxidizing Agents
Hazardous decomposition products	No hazardous decomposition products under normal conditions and use

## Section 11. Toxicological Information

Routes of Exposure	Ingestion, Inhalation, Skin/Eye Contact
<u>Symptoms</u>	
Physical	Skin/Eye contact may cause irritation or redness Ingestion may cause discomfort
Chemical	No Available Data
Toxicological	No Available Data
<u>Exposure Effects</u>	
Delayed Effects	No Available Data
Chronic Effects	No Available Data
<u>Acute Toxicity Estimates (ATE)</u>	
ATE oral (mg/kg)	No Available Data
ATE dermal (mg/kg)	No Available Data
ATE inhalation (mg/L)	No Available Data

## Section 12. Ecological Information

No Available Data.

## Section 13. Disposal Considerations

No Available Data. Follow Local Regulations.

## Section 14. Transport Information

Not Applicable.

## Section 15. Regulatory Information

Not Applicable.

## Section 16. Other Information

SDS Revision Date:	05-24-2018
SDS Number(s)	26671 / 26681
Disclaimer:	The information contained herein is accurate to the best of our knowledge.