Revision: 12 Aug 2019

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: UHPD ACEA E9 10w-40 CK4
- Product Part Number: HDD023

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/mixture: Engine oil
- Use advised against: For specific application information consult Technical Data Sheet

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Aztec Oils Ltd Intake Road
- Address of Supplier: Bolsover Business Park,
  Bolsover,
  Derbyshire,
  S44 6BB,
  UK
- Telephone: +44 (0)1246 823007 Office hours only.
- Email: technical@aztecoils.co.uk

1.4 Emergency telephone number

- Emergency Telephone: +44 (0)1246 823007
  Mon-Thurs 08:00 - 17:00
  Fri 08:00 - 16:00

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Not classified

2.2 Label elements

- Signal Word: Not classified
- Hazard statements
  Not classified.
- Precautionary statements
  Not classified.

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.2 Mixtures

SECTION 3: Composition/information on ingredients (....)

- Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts
  CAS Number: 68649-42-3
  EC Number: 272-028-3
  REACH Registration Number: 01-2120742271-64-xxxx
  Concentration: <1.0%
  H Statements: H319, H400, H412
  Symbols:
  Categories: Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 3
- Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpentene
  CAS Number: 68921-45-9
  EC Number: 272-940-1
  REACH Registration Number: Not availiable
  Concentration: <1.0%
  H Statements: H411
  Symbols:
  Categories: Aquatic Chronic 2
- Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil based
  CAS Number: Various see Section 16
  EC Number: Not available.
  REACH Registration Number: Not availiable
  Concentration: <90%
  H Statements:
  Symbols:
  Categories:

SECTION 4: First aid measures

4.1 Description of first aid measures

- Inhalation
  If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
- Contact with eyes
  In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Check for and remove any contact lenses (if easy to do so). Get medical attention.
- Contact with skin
  Wash skin thoroughly with soap and water or use recognised skin cleanser. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur.
- Ingestion
  Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if

SECTION 4: First aid measures (....)

symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

- See Section 11 for more detailed information on health effects and symptoms.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment should be symptomatic and directed to relieving any effects.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Extinguishing media: Extinguish with foam, carbon dioxide, dry powder or water fog.
  Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture

- If heated or in cases of fire, pressure in a vessel will increase and container may burst.
- Combustion products may include: carbon oxides (CO, CO2) (carbon monoxide, carbon dioxide), metal oxide/ oxides, phosphorous oxides and sulphur oxides (SO, SO2, etc..)

5.3 Advice for firefighters

- Promptly isolate and secure the scene, remove all unnecessary and untrained persons from the vicinity if there is a fire.
  Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
  Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European Standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

Spillage causes slippery surface

6.1 Personal precautions, protective equipment and emergency procedures

- Stop any leak if it is safe to do so.
- Absorb with sand or other inert absorbent. Collect in containers and seal securely.
- Adopt best manual handling considerations when handling, carrying and dispensing.
- Appropriate protective equipment must be worn when handling a spill of this material. See SECTION 8, Exposure Controls/Personal Protection, for recommendations. If exposed to material during clean-up operations, see SECTION 4, First Aid Measures, for actions to follow.

6.2 Environmental precautions

- Do not allow product to enter drains. Prevent further spillage if safe. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

- Stop any leak if it is safe to do so.
- Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
- Dispose of in compliance with all local and national regulations.

SECTION 6: Accidental release measures (....)

6.4 Reference to other sections

- See Section 1 for emergency contact information.
  See Section 5 for firefighting measures.
  See Section 8 for information on appropriate personal protective equipment.
  See Section 12 for environmental precautions.
  See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Use appropriate personal protective equipment.
- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

- Store in accordance with local regulations.
- Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

7.3 Specific end use(s)

- The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Substances

Chemical Name	WEL (short term)	WEL (long term)
Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil based	-	5mg/m3

- If this product contains ingredients with exposure limits, personal and/or workplace atmosphere monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

8.2 Exposure controls




- Engineering Controls
- All activities involving chemicals should be assessed for their risks to health, to ensure exposures are adequately controlled. Personal protective equipment should only be considered after other forms of control measures (e.g. engineering controls) have been suitably evaluated. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.

SECTION 8: Exposure controls/personal protection (....)

- Eye Protection:
  If contact is likely, safety glasses are recommended.
- Hand Protection
- As specific work environments and material handling practices vary, safety procedures should be developed for each intended application. The correct choice of protective gloves depends upon the chemicals being handles and the conditions of work and use.
  Recommended: Nitrile or alternative suitable glove.
  Breakthrough time represents how long a glove can be expected to provide effective permeation resistance. Always consult with your glove supplier for up-to-date technical information on breakthrough.
- Skin and Body Protection
  Wear appropriate clothing as protection against splashing.
  In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.
- Hygiene Measures
  Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking.
  Routinely wash work clothing and protective equipment to remove contaminants.
- Respiratory Protection
  No Special requirements under ordinary conditions of use and with adequate ventilation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Clear Brown/Amber Oil
- Odour: Characteristic.
- Density: 0.869 at 15°C
- Viscosity (kinematic): 93cSt at 40°C
- Viscosity (kinematic): 13.9cSt at 100°C
- Freezing point/Range: No data available.
- Boiling Point/Range: No data available
- Flashpoint: >200°C
- Oxidising Properties: No information available
- Autoignition Temperature: No information available

9.2 Other information

- The figures in this section are for guidance only please always use them in conjunction with the technical data sheet.

SECTION 10: Stability and reactivity

10.1 Reactivity

- No specific test data available for this product. Refer to Conditions to avoid and Incompatible materials for additional information.

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

SECTION 10: Stability and reactivity (....)

- None under normal processing.
- Hazardous polymerisation does not occur.

10.4 Conditions to avoid

- Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials

- Reactive or incompatible with the following materials: oxidizing materials.

10.6 Hazardous decomposition products

- Under normal conditions of storage and use, hazardous decomposition products should not be produced

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Potential acute health effects.
  Inhalation may cause irritation to the respiratory tract.
  Ingestion: May cause nausea and diarrhoea.
  Skin contact: Defatting to the skin. May cause skin dryness and irritation.
  Eye contact: No known significant effects or critical hazards.
  No other specific data and information available.
- Potential chronic health effects
  General: USED ENGINE OILS
  Combustion products resulting from the operation of internal combustion engines contaminate engine oils during use. Used engine oil may contain hazardous components which have the potential to cause skin cancer. Frequent or prolonged contact with all types and makes of used engine oil must therefore be avoided and a high standard of personal hygiene maintained.

SECTION 12: Ecological information

12.1 Toxicity

- Not classified as dangerous

12.2 Persistence and degradability

- The product is not readily biodegradable.

12.3 Bioaccumulative potential

- The product has limited potential for bioaccumulation. The product is not expected to bioaccumulate through food chains in the environment.

12.4 Mobility in soil

- Spillages may penetrate the soil causing ground water contamination.
- Immiscible with water.

12.5 Results of PBT and vPvB assessment

- PBT: Not applicable.
  vPvB: Not applicable.

SECTION 12: Ecological information (....)

12.6 Other adverse effects

- Spillages may form an oil layer on water surfaces causing physical damage to organisms. Oxygen transfer may also be impaired.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Dispose of in compliance with all local and national regulations.

13.2 Classification

- This material and its containers must be disposed of as hazardous waste. Dispose of waste via a licensed waste disposal contractor.

SECTION 14: Transport information

14.1 UN number

- UN No.: Not regulated.

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable.

14.3 Transport hazard class(es)

- Hazard Class: Not applicable.

14.4 Packing group

- Packing Group: Not applicable.

14.5 Environmental hazards

- Not classified.

14.6 Special precautions for user

- Not available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No 1907/2006 of the European Parliament and the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
- Regulation (EC) No 1272/2008 of the European Parliament and the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2 Chemical safety assessment

SECTION 15: Regulatory information (....)

- A chemical safety assessment (CSA) for this product has not yet been completed

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H319: Causes serious eye irritation. H400: Very toxic to aquatic life. H411: Toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.

May contain one or more of the following: 101316-69-2 / RRN 01-2119486948-13, 101316-70-5,101316-71-6, 101316-72-7 / RRN 01-2119489969-06, 64741-88-4 / RRN 01-2119488706-23, 64741-89-5 / RRN 01-2119487067-30, 64741-95-3 / RRN 01-2119487081-40, 64741-96-4/ RRN 01-2119483621-38, 64741-97-5 / RRN 01-2119480374-36, 64742-01-4 / RRN 01-2119488707-21, 64742-44-5 / RRN 01-2119985177-24, 64742-45-6, 64742-52-5 / RRN 01-2119467170-45, 64742-53-6 / RRN 01-2119480375-34, 64742-54-7 / RRN 01-2119484627-25, 64742-55-8 / RRN 01-2119487077-29, 64742-56-9 / RRN 01-2119480132-48, 64742-57-0 / RRN 01-2119489287-22, 64742-58-1, 64742-62-7 / RRN 01-2119480472-38, 64742-63-8, 64742-64-9, 64742-65-0 / RRN 01-2119471299-27, 64742-70-7 / RRN 01-2119487080-42, 72623-85-9 / RRN 01-2119555262-43, 72623-86-0 / RRN 01-2119474878-16, 72623-87-1 / RRN 01-2119474889-13, 74869-22-0 / RRN 01-2119495601-36, 90669-74-2 / RRN 01-2119970171-43

Disclaimer

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process

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