ENEOS DIESEL OIL CK-4 10W-40
Product Safety Data Sheet (MSDS)

1. product

Automotive lubricants ENEOS DIESEL OIL CK-4 10W-40

application

For suggestions on special applications, please refer to appropriate technical data or consult with sales or technical representatives of Shanghai Dalian Petrochemical Co., Ltd

Emergency phone number

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2.Ingredients

chemical composition

Solvent refined mineral oil (IP346 DMSO extraction<3%), with a specified proportion of high-performance additives.

Ingredient Name	Concentrationwt.%	CAS No.
Base Oil(s)	70~80	confidential
Additives	20~30	confidential

Dangerous ingredients

Does not contain ingredients with concentrations that meet hazardous requirements.

3.Harmful identification

This product may contain harmful ingredients that can cause skin inflammation, but it must be used in accordance with good industrial hygiene conditions and safe operating procedures.

4.Emergency rescue measures

eye

Open your eyes wide and rinse them with plenty of water for at least 15 minutes. If there is still any redness, swelling, pain or discomfort in the eyes, seek medical attention as soon as possible.

skin

If the skin comes into contact with oil, it should be thoroughly washed with water and soap as soon as possible, for at least 15 minutes; Replace severely contaminated clothing and clean contaminated skin.

Accidental ingestion

If the mouth is contaminated, rinse thoroughly with water; It is unlikely to swallow a large amount of product unless intentionally. If an accident occurs, it should be taken to the hospital for diagnosis and treatment, and self induced vomiting should be avoided.

inhalation

If inhaling oil, gas, oil fume, or steam causes irritation to the nose and throat or coughing, it should be moved to a place with fresh air as soon as possible. If there is still discomfort, seek medical treatment.

Medical advice

Handling should generally be representative and targeted.

5.Fire protection measures

Use foam, dry powder, or water spray instead of water flow.

Fireincidentswithinconfinedspacesshouldbehandledbytrainedpersonnelwearingoxygenmasks.

Water can be used to cool nearby hot areas/items/packaging. Due to the risk of boiling over, avoid spraying directly into storage containers.
Burning products
Burning or exposure to heat may emit toxic smoke.
Refer to Section 10, Stability and Activity in this safety document.
6.Accidental leakage measures
Cover the spilled oil with sand or other suitable inert absorbent material. It is recommended to have sufficient and appropriate absorbent materials to handle any potential leaks. Splashed products can cause the surface to slip.
Protect the emission system from oil leakage pollution. Do not flush oil into the sewer system. If there is a large leakage, please contact the relevant department.
If it leaks into water, use appropriate baffles to prevent the spread of oil. Recovering oil products from the surface. Protect environmentally sensitive areas and water supply systems.

7.Usage and storage
Precautions for use
Avoid contact with eyes. If there is a possibility of splashing, appropriate full face protective goggles or chemical goggles should be worn. Avoid frequent or prolonged skin contact with new or old oil.
Always maintain good working conditions, good personal hygiene, and workshop cleanliness. Wash hands thoroughly after contact.
Use a disposable cloth and dispose of it after getting dirty. Do not put dirty cloth in the bag.

fire prevention
Wipes, papers, or materials used to absorb leaks that have been soaked in oil have a risk of ignition, so they cannot be stacked together and should be safely disposed of immediately after use.

Storage condition
Store under cover, away from heat and fire sources.

8.Exposure control/personal protection
Exposure restrictions
There are no professional exposure restrictions for this oil product.
Ensure good ventilation
Try to avoid inhaling the oil, gas, and smoke generated during use.
If oil, gas, and smoke mist are generated, their concentration in the workplace air should be controlled to the lowest possible level.

Protective clothing
If there may be contact with the eyes, wear a face mask and goggles.
If there is a possibility of skin contact, wear impermeable protective clothing and/or gloves.
Replace severely contaminated clothing as soon as possible; Before wearing it again, it should be dry cleaned, washed with water, and properly sized. Rinse the dirty skin underneath with water and soap.

Respiratory protective device
As long as the concentration of oil, gas, and smoke mist is properly controlled, there is no need to use a respiratory protective device.
The use of respirators must strictly follow the manufacturer's instructions and any regulatory requirements in terms of selection and use.

9.Physical and chemical properties

Appearance: Transparent Odor: Oil like odor
Density: 0.8606 (at 20 ℃) Solubility: Insoluble in water
100 ℃ viscosity: 15.66cst
Flash point (opening): 232 ℃
Pour point: -39 ℃
Product Usage: Used for lubrication of diesel engine oil engines

(Typical data here are average for reference only, specific values may vary according to each test condition or customer request)

10.Stability and activity
This type of product is stable and is unlikely to undergo dangerous reactions under normal usage conditions. No dangerous polymerization reaction will occur.
This oil is flammable

Dangerous decomposition products
The products of thermal decomposition vary depending on the situation.
Incomplete combustion/thermal decomposition can produce smoke, carbon dioxide, and harmful gases, including carbon monoxide.

11.Toxicity data
eye
If accidentally in contact with the eyes, it will not cause more serious harm except for temporary irritation and redness.

skin
Short term or occasional contact will not cause harm to the skin, but prolonged or repeated contact may cause dermatitis.

Used diesel engine oil
During use, the combustion products generated by the operation of internal combustion engines can contaminate the diesel engine oil in use. Used diesel engine oil may contain harmful ingredients that may cause skin cancer. So, it is necessary to avoid prolonged or repeated contact with any type and form of used oil, and maintain good personal hygiene.

devour
If accidentally swallowed in small amounts, it will not cause harm, but consuming in large quantities may cause nausea and diarrhea.

inhalation
At room temperature, due to the low volatility of the product, there is no risk of inhalation. But exposure to oil, gas, and smoke mist may irritate the eyes, nose, and throat.
If exposed to steam or smoke from thermal decomposition products, it may cause injury through inhalation.

12.Ecological data
mobility
The spilled oil may seep into the soil and contaminate groundwater.

Persistence and Decay

This product is biodegradable

Bioaccumulation potential
There is no evidence to suggest that biological accumulation occurs.

Toxicity in water
The spilled oil forms a thin film on the water surface, causing physical damage to organic matter and potentially weakening oxygen exchange.

13.Emission treatment
If possible, recycle the product.
Discharge waste according to the waste discharge
contract signed in accordance with local regulations. As long as it complies with local emission regulations, controlled incineration can be carried out.

14.Transportation information
Not classified as dangerous goods transportation (ADR), RID，UN，IMO， IATA/ICAO）。

15.Management Information
Not supplied as dangerous goods.

16.Other information
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