



# XTREME SYNTHETIC BLEND SAE 10W-30, 15W-40 DIESEL ENGINE OIL CK-4

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Issue date: 5/24/2024 Revision date: 5/28/2024 Supersedes: 7/31/2020 Version: 3.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : XTREME SYNTHETIC BLEND SAE 10W-30, 15W-40 DIESEL ENGINE OIL CK-4  
Product code : 506222, 503461

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Diesel engine oil

#### 1.3. Supplier

Martin Lubricants  
484 East 6th St.  
Smackover, AR 71762

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC (800) 424-9300

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Not classified

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labelling

No labelling applicable

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%
Highly Refined Mineral Oil (C15-C50)	CAS-No.: Mixture	≥ 70
Distillates, hydrotreated heavy paraffinic	CAS-No.: 64742-54-7	5 – 10
Lubricating oils (petroleum), (C=20-50) hydrotreated neutral oil-based	CAS-No.: 72623-87-1	0.1 – 0.25

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Name	Product identifier	%
Phenol, (tetrapropenyl) derivatives	CAS-No.: 74499-35-7	0.02 – 0.12

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

### 4.2. Most important symptoms and effects (acute and delayed)

No additional information available

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

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### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### XTREME SYNTHETIC BLEND SAE 10W-30, 15W-40 DIESEL ENGINE OIL CK-4

No additional information available

#### Lubricating oils (petroleum), (C=20-50) hydrotreated neutral oil-based (72623-87-1)

No additional information available

#### Distillates, hydrotreated heavy paraffinic (64742-54-7)

No additional information available

#### Highly Refined Mineral Oil (C15-C50) (Mixture)

No additional information available

#### Phenol, (tetrapropenyl) derivatives (74499-35-7)

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

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### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Amber, clear liquid.
Colour	: Amber
Odour	: Mild petroleum; Hydrocarbon
Odour threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Flash point at or above 200°F/93°C Not applicable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.88
Density	: 7.2 – 7.4 lb/gal
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 73.6 – 103.3 mm <sup>2</sup> /s at 40°C (104°F) or 11.3 - 14.3 cSt at 100°C (212°F)
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

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### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 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

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### Lubricating oils (petroleum), (C=20-50) hydrotreated neutral oil-based (72623-87-1)

LD50 oral rat	> 5000 mg/kg Source: IUCLID
LD50 dermal rabbit	> 2000 mg/kg Source: IUCLID
LC50 Inhalation - Rat (Dust/Mist)	2.18 mg/l Source: IUCLID
ATE US (dust,mist)	2.18 mg/l/4h

#### Distillates, hydrotreated heavy paraffinic (64742-54-7)

LD50 oral rat	> 15000 mg/kg Source: IUCLID
LD50 dermal rabbit	> 5000 mg/kg Source: IUCLID
Skin corrosion/irritation	: Not classified

#### Phenol, (tetrapropenyl) derivatives (74499-35-7)

pH	No data available in the literature
Serious eye damage/irritation	: Not classified

#### Phenol, (tetrapropenyl) derivatives (74499-35-7)

pH	No data available in the literature
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified.
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: 73.6 – 103.3 mm <sup>2</sup> /s at 40°C (104°F) or 11.3 - 14.3 cSt at 100°C (212°F)

#### Highly Refined Mineral Oil (C15-C50) (Mixture)

Hydrocarbon	Yes
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### Phenol, (tetrapropenyl) derivatives (74499-35-7)

Viscosity, kinematic	No data available in the literature
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## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

### Lubricating oils (petroleum), (C=20-50) hydrotreated neutral oil-based (72623-87-1)

LC50 - Fish [1]	> 5000 mg/l Source: IUCLID
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EC50 - Crustacea [1]	> 1000 mg/l Source: IUCLID
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### Distillates, hydrotreated heavy paraffinic (64742-54-7)

LC50 - Fish [1]	> 5000 mg/l
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EC50 - Crustacea [1]	> 1000 mg/l Source: IUCLID
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EC50 96h - Algae [1]	> 1000 mg/l Source: IUCLID
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### Phenol, (tetrapropenyl) derivatives (74499-35-7)

LC50 - Fish [1]	0.146 mg/l Source: ECOSAR
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EC50 96h - Algae [1]	0.6 mg/l Source: ECOSAR
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### 12.2. Persistence and degradability

### Phenol, (tetrapropenyl) derivatives (74499-35-7)

Persistence and degradability	Biodegradability in water: no data available.
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### 12.3. Bioaccumulative potential

### Lubricating oils (petroleum), (C=20-50) hydrotreated neutral oil-based (72623-87-1)

Partition coefficient n-octanol/water (Log Pow)	3.9 – 6 Source: IUCLID
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### Distillates, hydrotreated heavy paraffinic (64742-54-7)

Partition coefficient n-octanol/water (Log Pow)	3.9 – 6 Source: IUCLID
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### Phenol, (tetrapropenyl) derivatives (74499-35-7)

Bioaccumulative potential	No bioaccumulation data available.
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### 12.4. Mobility in soil

### Phenol, (tetrapropenyl) derivatives (74499-35-7)

Ecology - soil	No (test) data on mobility of the substance available.
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### 12.5. Other adverse effects

No additional information available

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### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

### SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
<b>14.1. UN number</b>			
Not regulated for transport			
<b>14.2. Proper Shipping Name</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>			
Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

#### 14.6. Special precautions for user

**DOT**  
Not regulated

**TDG**  
Not regulated

**IMDG**  
Not regulated

**IATA**  
Not regulated

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Lubricating oils (petroleum), (C=20-50) hydrotreated neutral oil-based	72623-87-1	Present	Active	

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Name	CAS-No.	Listing	Commercial status	Flags
Distillates, hydrotreated heavy paraffinic	64742-54-7	Present	Active	
Highly Refined Mineral Oil (C15-C50)	Mixture	Not present	-	
Phenol, (tetrapropenyl) derivatives	74499-35-7	Present	Active	

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### 15.2. International regulations

#### CANADA

##### Lubricating oils (petroleum), (C=20-50) hydrotreated neutral oil-based (72623-87-1)

Listed on the Canadian DSL (Domestic Substances List)

##### Distillates, hydrotreated heavy paraffinic (64742-54-7)

Listed on the Canadian DSL (Domestic Substances List)

##### Phenol, (tetrapropenyl) derivatives (74499-35-7)

Listed on the Canadian NDSL (Non-Domestic Substances List)

#### EU-Regulations

No additional information available

#### National regulations

##### Distillates, hydrotreated heavy paraffinic (64742-54-7)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16: Other information

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Revision date : 5/28/2024

Safety Data Sheet (SDS), USA

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