



## SAFETY DATA SHEET

## Fendt Extra Trans

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

## 1.1. Product identifier

Product name Fendt Extra Trans  
Product number 7461-99-199  
Internal identification GHS21585  
REACH registration number n/a Mixture

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

Identified uses Engine oil. Transmission and Hydraulic oil  
Uses advised against Non specified unless otherwise stated within this MSDS

## 1.3. Details of the supplier of the safety data sheet

Supplier **Oil Distributors**  
2a South Belt  
Rangiora 7400  
Ph: 0800 70 10 10  
Fax: 03 313 6428  
[admin@oildistributors.co.nz](mailto:admin@oildistributors.co.nz)

1.4. Emergency telephone number **National Poison Control Centre** 0800 764 766

## SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified  
Health hazards Elicitation - EUH208 Environmental hazards  
Not Classified

Classification (67/548/EEC or 1999/45/EC) Not Classified

## 2.2. Label elements

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**Hazard statements** EUH208 Contains C14-18 alpha-olefin epoxide, reaction products with boric acid, Benzene, polypropene derivatives, sulfonated, calcium salts. May produce an allergic reaction.

**Supplemental label** EUH210 Safety data sheet available on request. information

**Contains** 2-ethylhexyl zinc dithiophosphate, Phenol, dodecyl-, branched

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Distillates, hydrotreated heavy paraffinic	30-60%	
CAS number: 64742-54-7	EC number: 265-157-1	REACH registration number: 012119484627-25-0014
Classification Asp. Tox. 1 - H304	Classification (67/548/EEC or 1999/45/EC) -	
Distillates, hydrotreated heavy paraffinic	10-30%	
CAS number: 64742-54-7	EC number: 265-157-1	REACH registration number: 012119484627-25-0014
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) -	
2-ethylhexyl zinc dithiophosphate	1-5%	
CAS number: 4259-15-8	EC number: 224-235-5	REACH registration number: 012119493635-27-0000
Classification Eye Dam. 1 - H318 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xi;R41. N;R51/53.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**Composition comments** If REACH registration numbers do not appear the substance is either exempt from registration, does not meet the minimum volume threshold for registration, the registration date has not yet come due or this information is proprietary.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information** Get medical attention if any discomfort continues. May produce an allergic reaction.

**Inhalation** If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

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Ingestion	Get medical attention if any discomfort continues. Do not induce vomiting.
Skin contact	Remove contaminated clothing immediately and wash skin 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 15 minutes. Get medical attention promptly if symptoms occur after washing.

### 4.2. Most important symptoms and effects, both acute and delayed

General information	If aspiration into the lungs is suspected, eg when vomiting, admit to hospital immediately.
Inhalation	Upper respiratory irritation.
Ingestion	May cause discomfort if swallowed. The product contains mineral oil, which if aspirated into the lungs through vomiting after ingestion, may result in chemical pneumonia.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	Irritation of eyes and mucous membranes.

### 4.3. Indication of any immediate medical attention and special treatment needed

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Notes for the doctor	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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Suitable 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

Specific hazards	Heat from fire could result in drums bursting
Hazardous combustion products	Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m <sup>3</sup> . Oxides of carbon. Oxides of nitrogen. Fire may also create other unidentified organic gases some of which may be toxic.

### 5.3. Advice for firefighters

Protective actions during firefighting	Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment apparatus. for firefighters	Wear self-contained breathing

## SECTION 6: Accidental release measures

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

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Personal precautions	For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.
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### 6.2. Environmental precautions

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Environmental precautions      Contain spillage with sand or earth. Avoid the spillage or runoff entering drains, sewers or watercourses. The product is insoluble in water and will spread on the water surface.

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

Methods for cleaning up      Contain spillage with sand or earth. Collect spillage for reclamation or disposal in sealed containers via a licensed waste contractor. Avoid water contacting spilled material or leaking containers. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. In case of spillage on water prevent the spread by use of suitable barrier equipment

### 6.4. Reference to other sections

Reference to other sections      For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Usage precautions      Avoid spilling. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets.

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

Storage precautions      Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Storage class      Miscellaneous hazardous material storage.

### 7.3. Specific end use(s)

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 Occupational exposure limits

Distillates, hydrotreated heavy paraffinic

Long-term exposure limit (8-hour TWA): ACGIH    5 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): ACGIH    10 mg/m<sup>3</sup>

ACGIH = American Conference of Governmental Industrial Hygienists.

2-ethylhexyl zinc dithiophosphate (CAS: 4259-15-8)

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### DNEL

Workers - Dermal; systemic effects: 0.14 mg/kg/day  
 Workers - Inhalation; systemic effects: 0.422 ppm  
 Workers - Inhalation; Long term systemic effects: 0.07 ppm  
 Workers - Dermal; local effects: 0.09 mg/cm<sup>2</sup>  
 Workers - Inhalation; local effects: 0.42 ppm  
 Workers - Inhalation; Long term systemic effects: 0.21 ppm  
 Workers - Dermal; Long term systemic effects: 0.09 mg/cm<sup>2</sup>  
 Workers - Dermal; Long term systemic effects:

### PNEC

- Fresh water; 0.004 mg/l  
 - Soil; 0.0548 mg/kg  
 - Sediment (Freshwater); 0.0701 mg/kg  
 - Marine water; 0.0046 mg/l  
 - Sediment (Marinewater); 0.00701 mg/kg- STP;  
 3.8 mg/l  
 - Air; 7.1 mg/m<sup>3</sup>

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

### Hand protection

The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

### Other skin and body protection

Use barrier creams to prevent skin contact.

### Hygiene measures

Use engineering controls to reduce air contamination to permissible exposure level. Wash promptly with soap and water if skin becomes contaminated.

### Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

### Thermal hazards

Not anticipated under normal conditions of use. The product is combustible if heated excessively and an ignition source is applied.

### Environmental exposure controls

Do not allow product to contaminate land.

## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Liquid.

#### Colour

Amber.

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Odour	Characteristic. Oil-like.
Odour threshold	Not known.
pH	Not applicable.
Melting point	-36°C Pour point
Initial boiling point and range	>320°C @ 101.3 kPa
Flash point	187°C PMCC (Pensky-Martens closed cup).
Evaporation rate	Not relevant.
Upper/lower flammability or explosive limits	Not known.
Other flammability	Product is not flammable but on excessive heating may become combustible.
Vapour pressure	<0.1 kPa @ 20°C
Vapour density	Not determined.
Relative density	0.877 @ 15.6°C
Solubility(ies)	Insoluble in water. Soluble in the following materials: Organic solvents.
Partition coefficient	Not determined. log Kow: > 7 The above figure is typical of mineral oil.
Auto-ignition temperature	No specific test data are available.
Decomposition Temperature	Not determined.
Viscosity	86.1 cSt @ 40°C
Explosive properties	Not considered to be explosive.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.

### 9.2. Other information

Volatile organic compound	The product is a complex mixture, the majority of which would not be classed as a VOC. However it cannot be discounted that trace or low levels of VOC's may be present.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous	Unlikely to occur under normal conditions of use. Unlikely to occur.
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reactions

### 10.4. Conditions to avoid

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Conditions to avoid                      Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

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Materials to avoid                      Strong oxidising agents.

### 10.6. Hazardous decomposition products

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Hazardous decomposition    Oxides of carbon. Oxides of nitrogen. products

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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#### Acute toxicity - oral

Notes (oral LD<sub>50</sub>)                      Not expected to be highly toxic based on information of ingredients. Based on available data the classification criteria are not met.

#### Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>)                      Not expected to be highly toxic based on information of ingredients. Based on available data the classification criteria are not met.

#### Acute toxicity - inhalation

Notes (inhalation LC<sub>50</sub>)                      Not determined. The product is unlikely to present any significant inhalation hazard at ambient temperatures and under normal conditions of use.

#### Serious eye damage/irritation

Serious eye damage/irritation    May cause mild, short lasting discomfort to eyes.

#### Respiratory sensitisation

Respiratory sensitisation                      No evidence to suggest the product will be a respiratory sensitiser. Repeated exposure to oil mists may cause respiratory damage.

#### Skin sensitisation

Skin sensitisation                      Not expected to be a skin sensitizer based on information on components.

#### Carcinogenicity

Carcinogenicity                      This product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP346 test

#### Reproductive toxicity

Reproductive toxicity - fertility    No data available to suggest the product will cause reproductive toxicity.

#### Specific target organ toxicity - single exposure

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

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Aspiration hazard	Kinematic viscosity > 20.5 mm <sup>2</sup> /s. The product viscosity is greater than the upper limit assigned for classification. The product contains mineral oil. If aspirated into the lungs e.g. through vomiting after ingestion admit to hospital immediately.
General information	This product has low toxicity. Only large quantities are likely to have adverse effects on human health. May produce an allergic reaction.
Inhalation	Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature.
Ingestion	No harmful effects expected from quantities likely to be ingested by accident.
Skin contact	Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.
Eye contact	May cause temporary eye irritation.
Acute and chronic health hazards	Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.
<u>Specific target organ toxicity - repeated exposure</u>	



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### SECTION 12: Ecological Information

**Ecotoxicity** Based on available data the classification criteria are not met. Not regarded as dangerous for the environment.

#### 12.1. Toxicity

**Toxicity** Based on available data the classification criteria are not met. Not considered toxic to fish.

**Acute toxicity - aquatic invertebrates** Based on available data the classification criteria are not met.

#### 12.2. Persistence and degradability

**Persistence and degradability** The product contains mineral oil which has limited biodegradability in CEC test methods but will biodegrade slowly in aerobic water and sediments and is considered ultimately biodegradable.

**Stability (hydrolysis)** The product is based on highly refined mineral oils that are considered stable to hydrolysis.

**Biodegradation** The product is not considered readily biodegradeable, albeit the major constituents are expected to ultimately biodegrade.

**Biological oxygen demand** Not determined.

**Chemical oxygen demand** Not determined.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

**Partition coefficient** Not determined. log Kow: > 7 The above figure is typical of mineral oil.

#### 12.4. Mobility in soil

**Mobility** The product is non-volatile. The product is insoluble in water and will spread on the water surface.

**Henry's law constant** Not determined.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** This material and its container must be disposed of as hazardous waste. Dispose of waste via a licensed waste disposal contractor.

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Disposal methods      Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Dispose of waste via a licensed waste disposal contractor.

Waste class      European Waste Catalogue (EWC) = 13 01 13\* (other hydraulic oils)

### SECTION 14: Transport information

General      The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

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Not applicable.

14.2. UN proper shipping name

\_\_\_\_\_

Not applicable.

14.3. Transport hazard class(es)

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No transport warning sign required.

14.4. Packing group

\_\_\_\_\_

Not applicable.

14.5. Environmental hazards

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Environmentally hazardous substance/marine pollutant

14.6. Special precautions for user

\_\_\_\_\_

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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Transport in bulk according to      Not  
applicable. Annex II of MARPOL 73/78 and  
the IBC Code

### SECTION 15: Regulatory information

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

National regulations      Health and Safety at Work etc. Act 1974 (as amended).  
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).  
Control of Substances Hazardous to Health Regulations 2002 (as amended). The  
Carriage of Dangerous Goods and Use of Transportable Pressure Equipment  
Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

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EU legislation	Dangerous Preparations Directive 1999/45/EC. Dangerous Substances Directive 67/548/EEC. Regulation (EC) No 1907/2006 of the European Parliament and of 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 of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Guidance	Workplace Exposure Limits EH40. Safety Data Sheets for Substances and Preparations.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### Inventories

##### Canada - DSL/NDSL

All the ingredients are listed or exempt.

##### US - TSCA

All the ingredients are listed or exempt.

##### Australia - AICS

All the ingredients are listed or exempt.

##### Korea - KECI

All the ingredients are listed or exempt.

##### China - IECSC

All the ingredients are listed or exempt.

##### Philippines – PICCS

All the ingredients are listed or exempt.

##### New Zealand - NZIOC

All the ingredients are listed or exempt.

**ERMA Approval Code:** HSR002606

#### SECTION 16: Other information

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Issued by	Regulatory Affairs
Revision date	20/11/2015
Revision	1
Supersedes date	02/06/2015
SDS number	21793

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Hazard statements in full EUH208 Contains C 14-18 alpha-olefin epoxide, reaction products with boric acid, Benzene, polypropene derivatives, sulfonated, calcium salts. May produce an allergic reaction.

H304 May be fatal if swallowed and enters airways.

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.