



# Eurol Elance FE 0W-20

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Issue date: 26-3-2020 Revision date: 26-10-2022 Supersedes: 26-3-2020 Version: 1.1

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Eurol Elance FE 0W-20  
Product code : E100014

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

##### 1.2.1. Relevant identified uses

No additional information available

##### 1.2.2. Uses advised against

No additional information available

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

Eurol bv. B.V.  
Energiestraat 12  
P.O. Box P.O. Box 135  
NL- 7442 DA Nijverdal  
The Netherlands  
T +31 548 615165  
[reach@eurol.com](mailto:reach@eurol.com) - [www.eurol.com](http://www.eurol.com)

#### 1.4. Emergency telephone number

Emergency number : +31 79 3467 808  
EVOFENEDEX

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Precautionary statements (CLP) : P102 - Keep out of reach of children.  
EUH-statements : EUH208 - Contains C14-16-18 Alkyl phenol, Molybdenum polysulphide long chain alkyl dithiocarbamate complex. May produce an allergic reaction.  
EUH210 - Safety data sheet available on request.

#### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Distillates (petroleum), hydrotreated heavy paraffinic	CAS-No.: 64742-54-7 EC-No.: 265-157-1 EC Index-No.: 649-467-00-8 REACH-no: 01-2119484627-25	≥ 50	Asp. Tox. 1, H304
Dec-1-ene, trimers, hydrogenated	CAS-No.: 157707-86-3 EC-No.: 500-393-3 REACH-no: 01-2119493949-12	10 – 25	Asp. Tox. 1, H304
Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based	CAS-No.: 72623-87-1 EC-No.: 276-738-4 REACH-no: 01-2119474889-13	5 – 10	Asp. Tox. 1, H304
Reaction products of diphenylamine with nonene, branched	CAS-No.: 36878-20-3 EC Index-No.: 701-385-4 REACH-no: 01-2119488911-28	1 – 3	Aquatic Chronic 4, H413
C14-16-18 Alkyl phenol	CAS-No.: 1190625-94-5 EC-No.: 931-468-2 REACH-no: 01-2119498288-19	1 – 3	Skin Sens. 1B, H317 STOT RE 2, H373
Distillates (petroleum), solvent-dewaxed heavy paraffinic	CAS-No.: 64742-65-0 EC-No.: 265-169-7 REACH-no: 01-2119471299-27	1 – 3	Asp. Tox. 1, H304
μ3-thio-1,2:1,3:2,3-tris(μ-disulfido-k2S)-1,2,3-tris(dialkyldithiocarbamate)triangulotrimolybdenum(IV) dialkyldithiocarbamate	EC-No.: 457-320-2 REACH-no: 01-0000019337-66	0,1 – 1	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412

Full text of H- and EUH-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

No additional information available

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

No additional information available

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

No additional information available

#### 5.2. Special hazards arising from the substance or mixture

No additional information available

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### 5.3. Advice for firefighters

No additional information available

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

No additional information available

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

No additional information available

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

No additional information available

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

No additional information available

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No additional information available

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### 8.2.2. Personal protection equipment

No additional information available

### 8.2.3. Environmental exposure controls

No additional information available

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Appearance	: Oily. Colorless to yellow brown oily liquid.
Colour	: amber.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: < 0,1
Melting point	: < -45 °C
Freezing point	: No data available
Boiling point	: > 280 °C
Flash point	: > 220 °C
Auto-ignition temperature	: > 240 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour Pressure 20°C	: < 0,1 hPa
Relative vapour density at 20°C	: > 1 (air=1)
Relative density	: No data available
Density	: 0,84 – 0,85 kg/l
Solubility	: insoluble in water.
Log Pow	: > 3
Viscosity, kinematic	: 25 – 50 mm²/s bij 40°C
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: 0,6 – 7 vol %

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

No additional information available

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

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### 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

#### Reaction products of diphenylamine with nonene, branched (36878-20-3)

LD50 oral rat	> 5000 mg/kg (OECD 401 method)
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#### Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 Inhalation - Rat	> 5,53 mg/l

#### Dec-1-ene, trimers, hydrogenated (157707-86-3)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat (Dust/Mist)	> 5,2 mg/l/4h

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
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

#### C14-16-18 Alkyl phenol (1190625-94-5)

STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
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Aspiration hazard	: Not classified
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Viscosity, kinematic	25 – 50 mm <sup>2</sup> /s bij 40°C
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### SECTION 12: Ecological information

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

#### Reaction products of diphenylamine with nonene, branched (36878-20-3)

EC50 Daphnia 1	100 mg/l
EC50 other aquatic organisms 1	733 mg/l invertebrates
EC50 72h - Algae [1]	600 mg/l

#### μ3-thio-1,2:1,3:2,3-tris(μ-disulfido-k2S)-1,2,3-tris(dialkyldithiocarbamate)triangulotrimolybdenum(IV)dialkyldithiocarbamate

EC50 Daphnia 1	50 ppm EC50 48h - Daphnia magna [mg/l]
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### **$\mu$ 3-thio-1,2:1,3:2,3-tris( $\mu$ -disulfido-k2S)-1,2,3-tris(dialkylidithiocarbamate)triangulotrimolybdenum(IV)dialkylidithiocarbamate**

ErC50 (algae)	9,62 mg/l 72h; Pseudokirchneriella subcapitata
NOEC chronic fish	94,8 mg/l 96h; Oncorhynchus mykiss (Rainbow trout)
NOEC chronic crustacea	100 mg/l 21d; Daphnia Magna

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

LC50 fish 1	100 mg/l
EC50 Daphnia 1	10000 mg/l

### **Dec-1-ene, trimers, hydrogenated (157707-86-3)**

LC50 fish 1	> 1000 mg/l Oncorhynchus mykiss (Rainbow trout)
LC50 fish 2	> 750 mg/l Pimephales promelas
EC50 Daphnia 1	190 mg/l EC50 48h - Daphnia magna [mg/l]
EC50 72h - Algae [1]	1000 mg/l Scenedesmus capricornutum

## **12.2. Persistence and degradability**

### **Reaction products of diphenylamine with nonene, branched (36878-20-3)**

Biodegradation	0 % Sturm - 28 days
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### **$\mu$ 3-thio-1,2:1,3:2,3-tris( $\mu$ -disulfido-k2S)-1,2,3-tris(dialkylidithiocarbamate)triangulotrimolybdenum(IV)dialkylidithiocarbamate**

Biodegradation	22,75 % (OECD 301 method)
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### **Dec-1-ene, trimers, hydrogenated (157707-86-3)**

Persistence and degradability	Not readily biodegradable.
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## **12.3. Bioaccumulative potential**

### **Eurol Elance FE 0W-20**

Log Pow	> 3
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### **Reaction products of diphenylamine with nonene, branched (36878-20-3)**

Bioconcentration factor (BCF REACH)	1584,89
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### **Dec-1-ene, trimers, hydrogenated (157707-86-3)**

Log Pow	> 10
Log Kow	> 6,5
Bioaccumulative potential	This product is not expected to bioaccumulate through food chains in the environment.

## **12.4. Mobility in soil**

### **Dec-1-ene, trimers, hydrogenated (157707-86-3)**

Ecology - soil	Not miscible with water. Spillages may penetrate the soil causing ground water contamination. This product floats on water and may affect the oxygen-balance in the water.
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## **12.5. Results of PBT and vPvB assessment**

No additional information available

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### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

No additional information available

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

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

Not applicable

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### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

EU restriction list (REACH Annex XVII)	
Reference code	Applicable on
3(b)	C14-16-18 Alkyl phenol ; $\mu$ 3-thio-1,2:1,3:2,3-tris( $\mu$ -disulfido-k2S)-1,2,3-tris(dialkyldithiocarbamate)triangulotrimolybdenum(IV)dialkyldithiocarbamate ; Distillates (petroleum), hydrotreated heavy paraffinic ; Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based ; Dec-1-ene, trimers, hydrogenated ; Distillates (petroleum), solvent-dewaxed heavy paraffinic
3(c)	Reaction products of diphenylamine with nonene, branched ; $\mu$ 3-thio-1,2:1,3:2,3-tris( $\mu$ -disulfido-k2S)-1,2,3-tris(dialkyldithiocarbamate)triangulotrimolybdenum(IV)dialkyldithiocarbamate

Contains no substance(s) listed on the REACH Candidate List

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Dec-1-ene, trimers, hydrogenated

### SECTION 16: Other information

Full text of H- and EUH-statements:	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Aquatic Chronic 4	Hazardous to the aquatic environment – Chronic Hazard, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
EUH208	Contains C14-16-18 Alkyl phenol, Molybdenum polysulphide long chain alkyl dithiocarbamate complex. May produce an allergic reaction.
EUH210	Safety data sheet available on request.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2

Safety Data Sheet (SDS), EU



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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.