



## SAFETY DATA SHEET

According to REACH Regulation (EC) No  
1907/2006, as amended by UK REACH  
Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

Version: 7.0

Revision Date: 01.07.2024

Print Date: 26/06/2025

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

#### 1.1 Product identifier

Trade name : SynPower™ ENV C2 5W30  
Synthetic Motor Oil

Product code : 907848

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

Use of the substance/mixture : Engine, gear & lubricating oil.

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

Company : Ellis Enterprises B.V., an affiliate of Valvoline Global  
Operations  
Wieldrechtseweg 39  
3316 BG Dordrecht  
Netherlands

Telephone : +31 (0)78 654 3500 (in the Netherlands), or contact your local  
CSR contact person

E-mail address of person : SDS@valvolineglobal.com  
responsible for the SDS

#### 1.4 Emergency telephone number

00-800-825-8654, or contact your local emergency telephone number at 112

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI  
2019/720, and UK SI 2020/1567)

Not a hazardous substance or mixture.



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1907/2006, as amended by UK REACH  
Regulations SI 2019/758

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Version: 7.0

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### 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

#### Additional Labelling

EUH210 Safety data sheet available on request.

EUH208 Contains Molybdenum polysulphide long chain alkyl dithiocarbamate complex, C14-16-18 Alkyl phenol. May produce an allergic reaction.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified	64742-54-7 265-157-1 649-467-00-8 01-2119484627-25-xxxx	Asp. Tox. 1; H304	>= 50 - < 70
bis(nonylphenyl)amine	36878-20-3 253-249-4	Aquatic Chronic 4; H413	>= 1 - < 2.5
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil — unspecified	72623-87-1 276-738-4 649-483-00-5 01-2119474889-13-xxxx	Asp. Tox. 1; H304	>= 1 - < 10
Molybdenum polysulphide long chain alkyl dithiocarbamate complex	Not Assigned 457-320-2 01-0000019337-66-xxxx	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Aquatic Chronic 3;	>= 0.25 - < 1



## SAFETY DATA SHEET

According to REACH Regulation (EC) No  
1907/2006, as amended by UK REACH  
Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

Version: 7.0

Revision Date: 01.07.2024

Print Date: 26/06/2025

C14-16-18 Alkyl phenol	Not Assigned 931-468-2 01-2119498288-19- xxxx	H412 Skin Sens. 1B; H317 STOT RE 2; H373 (Liver)	>= 0.1 - < 1
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For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General advice : Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : If on skin, rinse well with water.
- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

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

- Symptoms : Symptoms caused by an allergic reaction can be immediate or may be delayed up to several hours after exposure.

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

- Treatment : No hazards which require special first aid measures.  
Treat symptomatically.



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Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

Version: 7.0

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Print Date: 26/06/2025

---

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : High volume water jet

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

Hazardous combustion products : carbon dioxide and carbon monoxide

#### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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### SECTION 6: Accidental release measures

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

Personal precautions : Refer to protective measures listed in sections 7 and 8.  
Use personal protective equipment.

#### 6.2 Environmental precautions

Environmental precautions : If the product contaminates rivers and lakes or drains inform respective authorities.

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

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.



## SAFETY DATA SHEET

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Regulations SI 2019/758

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Version: 7.0

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

- Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the  
application area.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Hygiene measures : General industrial hygiene practice.

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

- Requirements for storage areas and containers : Electrical installations / working materials must comply with  
the technological safety standards.
- Advice on common storage : No materials to be especially mentioned.
- Further information on storage stability : No decomposition if stored and applied as directed.

#### 7.3 Specific end use(s)

- Specific use(s) : No data available

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Molybdenum polysulphide long chain alkyl dithiocarbamate complex	457-320-2	TWA	10 mg/m3	SUPLR EXP

#### 8.2 Exposure controls

##### Personal protective equipment

- Eye/face protection : Safety glasses
- Hand protection
- Material : neoprene, nitrile rubber
- Break through time : >= 240 min



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Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

Version: 7.0

Revision Date: 01.07.2024

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Glove thickness	: >= 0.35 mm
Directive	: Equipment should conform to EN 374
Remarks	: The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The data about break through time/strength of material are standard values! The exact break through time/strength of material has to be obtained from the producer of the protective glove.
Skin and body protection	: Protective suit
Respiratory protection	: No personal respiratory protective equipment normally required.

### SECTION 9: Physical and chemical properties

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

Appearance	: liquid
Colour	: amber
Odour	: oily
Odour Threshold	: No data available
pH	: Not applicable
Pour point	: <= -39 °C
Boiling point/boiling range	: No data available
Flash point	: 232 °C Method: Cleveland open cup
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper explosion limit / Upper flammability limit	: No data available
Lower explosion limit / Lower	: No data available



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According to REACH Regulation (EC) No  
1907/2006, as amended by UK REACH  
Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

Version: 7.0

Revision Date: 01.07.2024

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flammability limit

Vapour pressure : No data available

Relative vapour density : No data available

Relative density : 0.853

Density : ca. 0.851 g/cm<sup>3</sup> (15.6 °C)

Solubility(ies)

Water solubility : insoluble

Solubility in other solvents : No data available

Partition coefficient: n-  
octanol/water : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : ca. 56 mm<sup>2</sup>/s (40 °C)

Oxidizing properties : No data available

### 9.2 Other information

Particle size : Not applicable

Self-ignition : No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.  
No hazards to be specially mentioned.

### 10.4 Conditions to avoid



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Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

Version: 7.0

Revision Date: 01.07.2024

Print Date: 26/06/2025

Conditions to avoid : None known.

None known.

### 10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents

### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Not classified due to lack of data.

#### Components:

**Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil — unspecified:**

Acute oral toxicity	:	LD50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 5.58 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhalation toxicity Remarks: No mortality observed at this dose.
Acute dermal toxicity	:	LD50 (Rabbit): > 5,000 mg/kg Remarks: No mortality observed at this dose.

**Molybdenum polysulphide long chain alkyl dithiocarbamate complex:**

Acute oral toxicity	:	LD50 (Rat): > 2,000 mg/kg
Acute dermal toxicity	:	LD50 (Rat): > 2,000 mg/kg Assessment: The substance or mixture has no acute dermal toxicity

**C14-16-18 Alkyl phenol:**

Acute oral toxicity	:	LD50 (Rat): > 2,000 mg/kg Assessment: The substance or mixture has no acute oral
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According to REACH Regulation (EC) No  
1907/2006, as amended by UK REACH  
Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

Version: 7.0

Revision Date: 01.07.2024

Print Date: 26/06/2025

toxicity

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Assessment: The substance or mixture has no acute dermal toxicity  
Remarks: No mortality observed at this dose.

### Skin corrosion/irritation

Not classified due to lack of data.

### Components:

#### bis(nonylphenyl)amine:

Result : No skin irritation

#### Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil — unspecified:

Species : Rabbit  
Result : No skin irritation

#### Molybdenum polysulphide long chain alkyl dithiocarbamate complex:

Species : Rabbit  
Result : Irritating to skin.

#### C14-16-18 Alkyl phenol:

Method : OECD Test Guideline 431  
Result : No skin irritation

### Serious eye damage/eye irritation

Not classified due to lack of data.

### Components:

#### bis(nonylphenyl)amine:

Result : No eye irritation

#### Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil — unspecified:

Species : Rabbit  
Result : No eye irritation

#### Molybdenum polysulphide long chain alkyl dithiocarbamate complex:

Species : Rabbit  
Result : Slight, transient irritation



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Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

Version: 7.0

Revision Date: 01.07.2024

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### C14-16-18 Alkyl phenol:

Species	:	Rabbit
Result	:	Slight, transient irritation

### Respiratory or skin sensitisation

#### Skin sensitisation

Based on available data, the classification criteria are not met.

#### Respiratory sensitisation

Not classified due to lack of data.

#### Product:

Assessment	:	Does not cause skin sensitisation.
Remarks	:	Based on similar product.

### Components:

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil — unspecified:

Test Type	:	Buehler Test
Species	:	Guinea pig
Assessment	:	Does not cause skin sensitisation.

### Molybdenum polysulphide long chain alkyl dithiocarbamate complex:

Test Type	:	Maximisation Test
Species	:	Guinea pig
Assessment	:	The product is a skin sensitiser, sub-category 1B.

### C14-16-18 Alkyl phenol:

Test Type	:	Local lymph node assay
Species	:	Mouse
Assessment	:	The product is a skin sensitiser, sub-category 1B.
Method	:	OECD Test Guideline 429

### Germ cell mutagenicity

Not classified due to lack of data.



## SAFETY DATA SHEET

According to REACH Regulation (EC) No  
1907/2006, as amended by UK REACH  
Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

Version: 7.0

Revision Date: 01.07.2024

Print Date: 26/06/2025

### Components:

#### **Molybdenum polysulphide long chain alkyl dithiocarbamate complex:**

Genotoxicity in vitro : Test Type: **Ames test**  
Test system: **Salmonella typhimurium**  
Metabolic activation: **with and without metabolic activation**  
Result: **negative**

#### **C14-16-18 Alkyl phenol:**

Genotoxicity in vitro : Test Type: **Ames test**  
Test system: **Salmonella typhimurium**  
Metabolic activation: **with and without metabolic activation**  
Result: **negative**

### **Carcinogenicity**

Not classified due to lack of data.

### Components:

#### **Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:**

Carcinogenicity - Assessment : **Classified based on DMSO extract content < 3% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note L)**

#### **Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil — unspecified:**

Carcinogenicity - Assessment : **Classified based on DMSO extract content < 3% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note L)**

### **Reproductive toxicity**

Not classified due to lack of data.

#### **STOT - single exposure**

Not classified due to lack of data.

#### **STOT - repeated exposure**

Not classified due to lack of data.

### Components:

#### **C14-16-18 Alkyl phenol:**

Target Organs : **Liver**  
Assessment : **The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.**



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1907/2006, as amended by UK REACH  
Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

Version: 7.0

Revision Date: 01.07.2024

Print Date: 26/06/2025

### Aspiration toxicity

Not classified due to lack of data.

### Components:

**Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:**

|| May be fatal if swallowed and enters airways.

**Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil — unspecified:**

|| May be fatal if swallowed and enters airways.

### Further information

#### Product:

Remarks : No data available

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

**Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil — unspecified:**

Toxicity to fish	:	LL50 (Fish): > 100 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EL50 (Aquatic invertebrates): > 10,000 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	EL50 (Algae, algal mat (Algae)): > 100 mg/l Exposure time: 72 h
Toxicity to fish (Chronic toxicity)	:	NOEC: 10 mg/l Species: Fish
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC: 10 mg/l Species: Aquatic invertebrates

**Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil — unspecified:**

|| Toxicity to fish : LL50 (Pimephales promelas (fathead minnow)): > 100 mg/l



## SAFETY DATA SHEET

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1907/2006, as amended by UK REACH  
Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

Version: 7.0

Revision Date: 01.07.2024

Print Date: 26/06/2025

	Exposure time: 96 h Test Type: static test Test substance: WAF Method: OECD Test Guideline 203 Remarks: No toxicity at the limit of solubility
Toxicity to daphnia and other aquatic invertebrates	: EL50 (Daphnia magna (Water flea)): > 10,000 mg/l Exposure time: 48 h Test Type: static test Test substance: WAF Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	: NOEL (Pseudokirchneriella subcapitata (green algae)): >= 100 mg/l End point: Growth inhibition Exposure time: 72 h Test Type: static test Test substance: WAF Method: OECD Test Guideline 201
Toxicity to fish (Chronic toxicity)	: NOELR: >= 1,000 mg/l Exposure time: 14 d Species: Oncorhynchus mykiss (rainbow trout)
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOEL: 10 mg/l Exposure time: 21 d Species: Daphnia (water flea) Test substance: WAF Method: OECD Test Guideline 211

### Molybdenum polysulphide long chain alkyl dithiocarbamate complex:

Toxicity to fish	: LC50 (Oncorhynchus mykiss (rainbow trout)): 94.8 mg/l Exposure time: 96 h Test Type: semi-static test Test substance: WAF Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	: EL50 (Daphnia magna (Water flea)): 50 mg/l Exposure time: 48 h Test Type: static test Test substance: WAF Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	: NOELR (Pseudokirchneriella subcapitata (green algae)): 4.05 mg/l End point: Growth inhibition



## SAFETY DATA SHEET

According to REACH Regulation (EC) No  
1907/2006, as amended by UK REACH  
Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

Version: 7.0

Revision Date: 01.07.2024

Print Date: 26/06/2025

	Exposure time: 72 h
	Test Type: static test
	Test substance: WAF
	Method: OECD Test Guideline 201
	Remarks: The toxicological data has been taken from products of similar composition.
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: NOELR: 100 mg/l
	Exposure time: 21 d
	Species: Daphnia magna (Water flea)
	Test Type: semi-static test
	Test substance: WAF
	Method: OECD Test Guideline 211

### C14-16-18 Alkyl phenol:

Toxicity to fish	: LC50 (Cyprinus carpio (Carp)): > 100 mg/l
	Exposure time: 96 h
	Test Type: static test
	Test substance: WAF
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): > 100 mg/l
	Exposure time: 48 h
	Test Type: static test
	Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	: EC50 (Pseudokirchneriella subcapitata (algae)): > 100 mg/l
	End point: Growth inhibition
	Exposure time: 72 h
	Test Type: static test
	Test substance: WAF

## 12.2 Persistence and degradability

### Components:

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Baseoil — unspecified:

Biodegradability	: Result: Not readily biodegradable.
	Biodegradation: 2 - 4 %
	Exposure time: 28 d
	Method: OECD Test Guideline 301B

### Molybdenum polysulphide long chain alkyl dithiocarbamate complex:

Biodegradability	: Result: Not readily biodegradable.
	Biodegradation: 23 %
	Exposure time: 28 d



## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

Version: 7.0

Revision Date: 01.07.2024

Print Date: 26/06/2025

Method: **OECD Test Guideline 301B**  
Remarks: **The toxicological data has been taken from products of similar composition.**

### C14-16-18 Alkyl phenol:

Biodegradability : Result: **Readily biodegradable.**  
Remarks: **Expert judgement**

## 12.3 Bioaccumulative potential

### Components:

#### **Molybdenum polysulphide long chain alkyl dithiocarbamate complex:**

Partition coefficient: n-octanol/water : log Pow: **> 5.1**  
Method: **OECD Test Guideline 107**

### C14-16-18 Alkyl phenol:

Partition coefficient: n-octanol/water : log Pow: **> 7.2**

## 12.4 Mobility in soil

No data available

## 12.5 Results of PBT and vPvB assessment

### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 12.6 Other adverse effects

### Product:

Endocrine disrupting potential : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Additional ecological information : No data available



## SAFETY DATA SHEET

According to REACH Regulation (EC) No  
1907/2006, as amended by UK REACH  
Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

Version: 7.0

Revision Date: 01.07.2024

Print Date: 26/06/2025

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

- Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.
- Waste Code : The Waste code should be assigned in discussion between the user and the waste disposal company.  
The following Waste Codes are only suggestions:  
13 02 06, synthetic engine, gear and lubricating oils

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### SECTION 14: Transport information

#### 14.1 UN number

- ADR : Not regulated as a dangerous good
- RID : Not regulated as a dangerous good
- IMDG : Not regulated as a dangerous good
- IATA\_P : Not regulated as a dangerous good

#### 14.2 UN proper shipping name

- ADR : Not regulated as a dangerous good
- RID : Not regulated as a dangerous good
- IMDG : Not regulated as a dangerous good
- IATA\_P : Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

- ADR : Not regulated as a dangerous good
- RID : Not regulated as a dangerous good
- IMDG : Not regulated as a dangerous good
- IATA\_P : Not regulated as a dangerous good

#### 14.4 Packing group

- ADR : Not regulated as a dangerous good
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- IMDG : Not regulated as a dangerous good





## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

Version: 7.0

Revision Date: 01.07.2024

Print Date: 26/06/2025

**IATA (Cargo)** : Not regulated as a dangerous good

**IATA\_P (Passenger)** : Not regulated as a dangerous good

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Not applicable

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

Not applicable for product as supplied.

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

## SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	: Not applicable
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	: Not applicable
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)	: Not applicable
Regulation (EC) on substances that deplete the ozone layer	: Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)	: Not applicable
Control of Major Accident Hazards Regulations 2015 (COMAH)	Not applicable

#### The components of this product are reported in the following inventories:

TCSI	: Not in compliance with the inventory
TSCA	: Product contains substance(s) not listed on TSCA inventory.
AIIC	: Not in compliance with the inventory
DSL	: This product contains the following components that are not on the Canadian DSL nor NDSL.

Infineum P6092



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According to REACH Regulation (EC) No  
1907/2006, as amended by UK REACH  
Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

Version: 7.0

Revision Date: 01.07.2024

Print Date: 26/06/2025

ENCS	: Not in compliance with the inventory
KECI	: Not in compliance with the inventory
PICCS	: Not in compliance with the inventory
IECSC	: Not in compliance with the inventory
NZIoC	: On the inventory, or in compliance with the inventory

### 15.2 Chemical safety assessment

No data available

#### Inventories

AIIC (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TECI (Thailand), TSCA (USA)

## SECTION 16: Other information

#### Full text of H-Statements

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.

#### Full text of other abbreviations

Aquatic Chronic	: Long-term (chronic) aquatic hazard
Asp. Tox.	: Aspiration hazard
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitisation
STOT RE	: Specific target organ toxicity - repeated exposure
SUPLR EXP	: Supplier-recommended exposure guidelines
SUPLR EXP / TWA	: Time weighted average

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule;



## SAFETY DATA SHEET

According to REACH Regulation (EC) No  
1907/2006, as amended by UK REACH  
Regulations SI 2019/758

SynPower™ ENV C2 5W30 Synthetic Motor Oil

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ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

### Further information

Internal information : 000000085235

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

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