

## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Revision 24.11.2020 (GB) Version 1.0

SYNT PDI 5W-40

308xxx



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

#### 1.1. Product identifier

Name of product SYNT PDI 5W-40  
Art-Nr 308xxx

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

##### Identified uses

##### Product categories [PC]

PC24 - Lubricants, greases, release products

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

Manufacturer/distributor EUROLUB GmbH  
Freisingerstraße 25-27, D-85386 Eching b. München  
Phone +49 8165 9591-0, Fax +49 8165 9591-210  
E-Mail info@eurolub.com  
Internet www.eurolub.com

#### 1.4. Emergency telephone number

Emergency advice  
Phone +49 8165 9591-0  
This number is only available at office times.

### SECTION 2: Hazards identification

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

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

##### Additional hints

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

#### 2.2. Label elements

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

##### Special rules for supplemental label elements for certain mixtures

Safety data sheet available on request.

#### 2.3. Other hazards

##### Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### SECTION 3: Composition/ information on ingredients

#### 3.1. Substances

not applicable

#### 3.2. Mixtures

##### Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
8042-47-5		mineral oil	1 - 50	Asp. Tox. 1, H304
36878-20-3	253-249-4	bis(nonylphenyl)amine	0,1 - 2,5	Aquatic Chronic 4, H413

## Safety Data Sheet according to Regulation (EC)

### No. 1907/2006 (REACH)

Revision 24.11.2020 (GB) Version 1.0

### SYNT PDI 5W-40

308xxx



#### Hazardous ingredients (continued)

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
	Polymer1	Calcium branched alkyl phenate sulphide (overbased)	0,1 - 2,5	Aquatic Chronic 4, H413

#### REACH

CAS No	Name	REACH registration number
36878-20-3	bis(nonylphenyl)amine	01-2119488911-28

#### Additional advice

The highly refined mineral oil contains a dimethyl sulfoxide (DMSO) according to IP 346 extractable content of less than 3 % (w/w).

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the event of persistent symptoms receive medical treatment.

#### In case of inhalation

In case of inhalation remove the casualty into fresh air and seek medical advice.

#### In case of skin contact

In case of contact with skin wash off with soap and water.

#### In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

#### In case of ingestion

Do not induce vomiting.

If swallowed seek medical advice immediately and show the doctor packing or label.

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

#### Physician's information / possible symptoms

No information available.

#### Physician's information / possible dangers

No data available

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

#### Treatment (Advice to doctor)

Treat symptoms.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Foam

Dry fire-extinguishing substance

Carbon dioxide

Water spray jet

#### Unsuitable extinguishing media

Full water jet

## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Revision 24.11.2020 (GB) Version 1.0

SYNT PDI 5W-40

308xxx



---

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

In fires, hazardous combustion gases are formed:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Wear full protective clothing.

#### Additional information

Collect contaminated firefighting water separately, must not be discharged into the drains.

---

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Ensure adequate ventilation.

#### For emergency responders

Use personal protective clothing.

### 6.2. Environmental precautions

Collect contaminated water / firefighting water separately.

Do not discharge into the drains/surface waters/groundwater.

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

Take up with absorbent material (e.g. oil binder).

After taking up the material dispose according to regulation.

#### Additional Information

Informations for disposal see chapter 13.

### 6.4. Reference to other sections

Personal protection equipment: see section 8

---

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

#### General protective measures

Avoid explosion - before application obtain special instructions.

#### Hygiene measures

Clean skin thoroughly after working.

At work do not eat, drink and smoke.

Remove soaked clothing immediately.

#### Advice on protection against fire and explosion

The product is combustible.

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

#### Advice on storage compatibility

No information available.

## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Revision 24.11.2020 (GB) Version 1.0

SYNT PDI 5W-40

308xxx



### Further information on storage conditions

Keep container tightly closed and store at cool and aired place.

Storage group 10

Fire class B

### 7.3. Specific end use(s)

#### Recommendation(s) for intended use

See section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL-/PNEC-values

##### DNEL worker

CAS No	Substance name	Value	Code	Remark
36878-20-3	bis(nonylphenyl)amine	0,62 mg/kg	DNEL long-term dermal (systemic)	
		4,37 mg/m <sup>3</sup>	DNEL long-term inhalative (systemic)	

##### DNEL Consumer

CAS No	Substance name	Value	Code	Remark
36878-20-3	bis(nonylphenyl)amine	0,31 mg/kg	DNEL long-term dermal (systemic)	
		0,31 mg/kg	DNEL long-term oral (repeated)	
		1,09 mg/m <sup>3</sup>	DNEL long-term inhalative (systemic)	

##### PNEC

CAS No	Substance name	Value	Code	Remark
36878-20-3	bis(nonylphenyl)amine	0,01 mg/l	PNEC aquatic, marine water	
		263000 mg/kg	PNEC soil	
		0,1 mg/l	PNEC aquatic, freshwater	

### 8.2. Exposure controls

#### Respiratory protection

no

#### Hand protection

Gloves (oil-resistant)

#### Eye protection

safety goggles with side protection

#### Other protection measures

Oil-resistant protective clothing

#### Limitation and surveillance of the environment

Further information: see exposure scenarios attached to this safety data sheet.

#### Appropriate engineering controls

No information available.



## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Revision 24.11.2020 (GB) Version 1.0

SYNT PDI 5W-40

308xxx



### Explosive properties

No information available.

### 9.2. Other information

No 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

No information available.

### 10.3. Possibility of hazardous reactions

Reactions with oxidising agents.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

#### Substances to avoid

No information available.

### 10.6. Hazardous decomposition products

No information available.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	> 5000 mg/kg	rat	OECD 420	
<b>LD50 acute dermal</b>	> 2000 mg/kg	rabbit	OECD 402	
<b>LC50 acute inhalation</b>	> 5,53 mg/l (4 h)	rat	OECD 403	
<b>Skin irritation</b>		not determined		
<b>Eye irritation</b>		not determined		
<b>Skin sensitization</b>		not determined		
<b>Sensitization respiratory system</b>		not determined		

#### Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
<b>Subacute Toxicity</b>	not determined			
<b>Subchronic Toxicity</b>	not determined			

## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Revision 24.11.2020 (GB) Version 1.0

SYNT PDI 5W-40

308xxx



	Value	Species	Method	Validation
<b>Chronic Toxicity</b>	not determined			
<b>Mutagenicity</b>	not determined			
<b>Reproduction-Toxicity</b>	not determined			
<b>Carcinogenicity</b>	not determined			
<b>Specific target organ toxicity (single exposure)</b>	not determined			
<b>Specific target organ toxicity (repeated exposure)</b>	not determined			
<b>Aspiration hazard</b>	not determined			

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicological effects

	Value	Species	Method	Validation
<b>Fish</b>	LC50 > 100 mg/l			
<b>Daphnia</b>	EC50 > 10000 mg/l			
<b>Algae</b>	EC50 > 100 mg/l (72 h)			

### 12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
<b>Physico-chemical degradability</b>			No information available.	
<b>Biological degradability</b>			No information available.	

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Other adverse effects

No information available.

## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Revision 24.11.2020 (GB) Version 1.0

SYNT PDI 5W-40

308xxx



### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Waste code No.**

13 02 05\*

**Name of waste**

mineral-based non-chlorinated engine, gear and lubricating oils

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

#### Recommendations for the product

Remove in accordance with local official regulations.

#### Recommendations for packaging

Totally emptied packaging may be taken for recycling.

### SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

#### 14.6. Special precautions for user

No information available.

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

not applicable

#### Land and inland navigation transport ADR/RID

No dangerous goods as defined by these transport regulations.

#### Marine transport IMDG

No dangerous goods as defined by these transport regulations.

#### Air transport ICAO/IATA-DGR

No dangerous goods as defined by these transport regulations.

#### Transport/further information

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

### SECTION 15: Regulatory information

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

##### VOC standard

VOC content =0 %

VOC value 0 g/L



## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Revision 24.11.2020 (GB) Version 1.0

SYNT PDI 5W-40

308xxx



---

### National regulations

Water hazard class 1 self-classification

Decree for case of interference/  
remarks Accident decree, addendum II: not named.

### 15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

---

## SECTION 16: Other information

### Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

### Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

H304 May be fatal if swallowed and enters airways.

H413 May cause long lasting harmful effects to aquatic life.