



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Durablend™ 4T 20W-50 NEW 4 CYCLE  
SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

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

**1.1 Product identifier**

Trade name : Durablend™ 4T 20W-50 NEW  
4 CYCLE SYNTHETIC BLEND MOTORCYCLE OIL

Product code : 862063

**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**

+1-800-VALVOLINE (+1-800-825-8654)

, or contact your local emergency telephone number at +36 80 201 199

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**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.



**SAFETY DATA SHEET**  
 according to Regulation (EC) No. 1907/2006  
 Durablend™ 4T 20W-50 NEW 4 CYCLE  
 SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

**2.2 Label elements**

**Labelling (REGULATION (EC) No 1272/2008)**

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

**Additional Labelling**

EUH210 Safety data sheet available on request.

**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.

Ecological information: 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.

Toxicological information: 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.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Components**

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED	72623-87-1 276-738-4 649-483-00-5 01-2119474889-13- xxxx	Asp. Tox. 1; H304	>= 15 - < 25
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7 265-157-1 649-467-00-8 01-2119484627-25- xxxx	Asp. Tox. 1; H304	>= 2,5 - < 5
Reaction products of Benzeneamine, N-phenyl- with nonene (branched)	36878-20-3 253-249-4 01-2119488911-28-	Aquatic Chronic 4; H413	>= 1 - < 2,5



**SAFETY DATA SHEET**  
 according to Regulation (EC) No. 1907/2006  
 Durablend™ 4T 20W-50 NEW 4 CYCLE  
 SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

		xxxx	
Substances with a workplace exposure limit :			
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7 265-157-1 649-467-00-8 01-2119484627-25- xxxx		>= 70 - < 80

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 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 : No symptoms known or expected.

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

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

**SECTION 5: Firefighting measures**



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Durablend™ 4T 20W-50 NEW 4 CYCLE  
SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

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### 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  
Nitrogen oxides (NO<sub>x</sub>)

### 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.

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## SECTION 7: Handling and storage

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**SAFETY DATA SHEET**  
 according to Regulation (EC) No. 1907/2006  
 Durablend™ 4T 20W-50 NEW 4 CYCLE  
 SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

**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
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7	TWA (Mist)	5 mg/m3	HU OEL
Further information: Limit value recommended in SCOEL/SUM/163/2011, Substances which have a health hazard after PROLONGED exposure. Corrected value = TWA x 40 / number of hours per week				
LUBRICATING OILS, PETROLEUM,	72623-87-1	TWA (Mist)	5 mg/m3	HU OEL



**SAFETY DATA SHEET**  
 according to Regulation (EC) No. 1907/2006  
 Durablend™ 4T 20W-50 NEW 4 CYCLE  
 SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

C20-50, HYDROTREATED				
	Further information: Limit value recommended in SCOEL/SUM/163/2011, Substances which have a health hazard after PROLONGED exposure. Corrected value = TWA x 40 / number of hours per week			
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	64742-54-7	TWA (Mist)	5 mg/m <sup>3</sup>	HU OEL
	Further information: Limit value recommended in SCOEL/SUM/163/2011, Substances which have a health hazard after PROLONGED exposure. Corrected value = TWA x 40 / number of hours per week			

**8.2 Exposure controls**

**Personal protective equipment**

Eye/face protection : Safety glasses

Hand protection

Material : neoprene, nitrile rubber  
 Break through time : >= 240 min  
 Glove thickness : >= 0,35 mm  
 Directive : Equipment should conform to EN 374

Remarks : Nitrile rubber butyl-rubber  
 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.



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Durablend™ 4T 20W-50 NEW 4 CYCLE  
SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

---

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	:	liquid
Colour	:	amber
Odour	:	oily
Odour Threshold	:	No data available
Pour point	:	< -24 °C
Boiling point/boiling range	:	No data available
Flammability	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	212 °C Method: Cleveland open cup
Decomposition temperature	:	No data available
pH	:	Not applicable
Viscosity		
Viscosity, dynamic	:	ca. 9.300 mPa.s (-15 °C)
Viscosity, kinematic	:	143 mm <sup>2</sup> /s (40 °C)
Solubility(ies)		
Water solubility	:	insoluble
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Durablend™ 4T 20W-50 NEW 4 CYCLE  
SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

---

Vapour pressure	:	No data available
Density	:	ca. 0,866 g/cm <sup>3</sup> (15,6 °C)
Bulk density	:	Not applicable
Relative vapour density	:	No data available

**9.2 Other information**

Oxidizing properties	:	No data available
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**

Conditions to avoid : None known.

**10.5 Incompatible materials**

Materials to avoid : Strong oxidizing agents

**10.6 Hazardous decomposition products**

No hazardous decomposition products are known.

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**SECTION 11: Toxicological information**





**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Durablend™ 4T 20W-50 NEW 4 CYCLE  
SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity**

Not classified based on available information.

**Components:**

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

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.

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

Acute oral toxicity	: LD50 (Rat): > 15 g/kg
Acute dermal toxicity	: LD50 (Rabbit): > 5 g/kg

**Reaction products of Benzeneamine, N-phenyl- with nonene (branched):**

Acute oral toxicity	: LD50 (Rat): > 5.000 mg/kg Remarks: No mortality observed at this dose.
Acute dermal toxicity	: LD50 (Rat): > 2.000 mg/kg Assessment: The substance or mixture has no acute dermal toxicity Remarks: The toxicological data has been taken from products of similar composition.

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

Acute oral toxicity	: LD50 (Rat): > 15 g/kg
Acute dermal toxicity	: LD50 (Rabbit): > 5 g/kg

**Skin corrosion/irritation**

Not classified based on available information.



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Durablend™ 4T 20W-50 NEW 4 CYCLE  
SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

**Components:**

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

Species	:	Rabbit
Result	:	No skin irritation

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

Assessment	:	Slight, transient irritation
Result	:	Slight, transient irritation

**Reaction products of Benzeneamine, N-phenyl- with nonene (branched):**

Species	:	Rabbit
Result	:	Mild skin irritation
Remarks	:	The toxicological data has been taken from products of similar composition.

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

Assessment	:	Slight, transient irritation
Result	:	Slight, transient irritation

**Serious eye damage/eye irritation**

Not classified based on available information.

**Product:**

Result	:	Slight, transient irritation
Remarks	:	Expected based on components.

**Components:**

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

Species	:	Rabbit
Result	:	No eye irritation

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

Assessment	:	No eye irritation
Result	:	No eye irritation

**Reaction products of Benzeneamine, N-phenyl- with nonene (branched):**

Species	:	Rabbit
Result	:	Slight, transient irritation
Remarks	:	The toxicological data has been taken from products of similar composition.



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Durablend™ 4T 20W-50 NEW 4 CYCLE  
SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

**composition.**

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

Assessment : No eye irritation  
Result : No eye irritation

**Respiratory or skin sensitisation**

**Skin sensitisation**

Not classified based on available information.

**Respiratory sensitisation**

Not classified based on available information.

**Components:**

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

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

**Reaction products of Benzeneamine, N-phenyl- with nonene (branched):**

Species : Guinea pig  
Assessment : Does not cause skin sensitisation.  
Method : OECD Test Guideline 406  
Remarks : The toxicological data has been taken from products of similar composition.

**Germ cell mutagenicity**

Not classified based on available information.

**Components:**

**Reaction products of Benzeneamine, N-phenyl- with nonene (branched):**

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

**Carcinogenicity**

Not classified based on available information.



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Durablend™ 4T 20W-50 NEW 4 CYCLE  
SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

**Components:**

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

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

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

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

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

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

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

Not classified based on available information.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**Components:**

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

|| May be fatal if swallowed and enters airways.

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

|| May be fatal if swallowed and enters airways.

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

|| No aspiration toxicity classification

**11.2 Information on other hazards**

**Endocrine disrupting properties**

**Product:**

Assessment : The substance/mixture does not contain components



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Durablend™ 4T 20W-50 NEW 4 CYCLE  
SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

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.

**Further information**

**Product:**

Remarks : No data available

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**SECTION 12: Ecological information**

**12.1 Toxicity**

**Product:**

**Ecotoxicology Assessment**

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity : Not classified based on available information.

**Components:**

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

Toxicity to fish	:	<b>LL50 (Pimephales promelas (fathead minnow))</b> : > 100 mg/l 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	:	<b>EL50 (Daphnia magna (Water flea))</b> : > 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	:	<b>NOEL (Pseudokirchneriella subcapitata (green algae))</b> : >= 100 mg/l End point: Growth inhibition Exposure time: 72 h Test Type: static test Test substance: WAF



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Durablend™ 4T 20W-50 NEW 4 CYCLE  
SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

	Method: <b>OECD Test Guideline 201</b>
Toxicity to fish (Chronic toxicity)	: <b>NOELR: <math>\geq</math> 1.000 mg/l</b> Exposure time: <b>14 d</b> Species: <b>Oncorhynchus mykiss (rainbow trout)</b>
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: <b>NOEL: 10 mg/l</b> Exposure time: <b>21 d</b> Species: <b>Daphnia (water flea)</b> Test substance: <b>WAF</b> Method: <b>OECD Test Guideline 211</b>

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

Toxicity to fish	: <b>LL50 (Fish): <math>&gt;</math> 100 mg/l</b> Exposure time: <b>96 h</b>
Toxicity to daphnia and other aquatic invertebrates	: <b>EL50 (Aquatic invertebrates): <math>&gt;</math> 10.000 mg/l</b> Exposure time: <b>48 h</b>
Toxicity to algae/aquatic plants	: <b>EL50 (Algae, algal mat (Algae)): <math>&gt;</math> 100 mg/l</b> Exposure time: <b>72 h</b>
Toxicity to fish (Chronic toxicity)	: <b>NOEC: 10 mg/l</b> Species: <b>Fish</b>
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: <b>NOEC: 10 mg/l</b> Species: <b>Aquatic invertebrates</b>

**Ecotoxicology Assessment**

Acute aquatic toxicity	: <b>Not classified based on available information.</b>
Chronic aquatic toxicity	: <b>Not classified based on available information.</b>

**Reaction products of Benzeneamine, N-phenyl- with nonene (branched):**

Toxicity to fish	: <b>LC50 (Danio rerio (zebra fish)): <math>&gt;</math> 100 mg/l</b> Exposure time: <b>96 h</b> Test Type: <b>static test</b> Remarks: <b>The toxicological data has been taken from products of similar composition.</b>
Toxicity to daphnia and other aquatic invertebrates	: <b>EC50 (Daphnia magna (Water flea)): <math>&gt;</math> 100 mg/l</b> Exposure time: <b>48 h</b> Test Type: <b>static test</b>



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Durablend™ 4T 20W-50 NEW 4 CYCLE  
SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

Test substance: **WAF**  
Toxicity to algae/aquatic plants : **EC50 (Pseudokirchneriella subcapitata (algae)): 600 mg/l**  
End point: **Growth inhibition**  
Exposure time: **72 h**  
Test Type: **static test**

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

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**

**12.2 Persistence and degradability**

**Components:**

**LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED:**

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

**Reaction products of Benzeneamine, N-phenyl- with nonene (branched):**

Biodegradability : Result: **Not readily biodegradable.**  
Biodegradation: **0 %**  
Exposure time: **28 d**  
Method: **OECD Test Guideline 301B**

**12.3 Bioaccumulative potential**

**Components:**

**Reaction products of Benzeneamine, N-phenyl- with nonene (branched):**



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Durablend™ 4T 20W-50 NEW 4 CYCLE  
SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

Partition coefficient: n-octanol/water : log Pow: > 7,5

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:**

Partition coefficient: n-octanol/water : log Pow: Expected > 7

**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 Endocrine disrupting properties**

**Product:**

Assessment : 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.

**12.7 Other adverse effects**

**Product:**

Additional ecological information : No data available

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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.





**SAFETY DATA SHEET**  
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Durablend™ 4T 20W-50 NEW 4 CYCLE  
SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

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## SECTION 14: Transport information

### 14.1 UN number or ID number

ADN : Not regulated as a dangerous good  
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

ADN : Not regulated as a dangerous good  
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)

ADN : Not regulated as a dangerous good  
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

ADN : Not regulated as a dangerous good  
ADR : Not regulated as a dangerous good  
RID : Not regulated as a dangerous good  
IMDG : Not regulated as a dangerous good  
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



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Durablend™ 4T 20W-50 NEW 4 CYCLE  
SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

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**14.7 Maritime transport in bulk according to IMO instruments**

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.

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**SECTION 15: Regulatory information**

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	:	Conditions of restriction for the following entries should be considered: Number on list 75 If you intend to use this product as tattoo ink, please contact your vendor.
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	:	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)	:	Not applicable
REACH - List of substances subject to authorisation (Annex XIV)	:	Not applicable
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.	:	Not applicable

**Other regulations:**

2000 XXV. Law on chemical safety  
44/2000. (XII 27) Ministry of health dangerous substances and preparations dangerous for certain procedures and arrangements for activities



**SAFETY DATA SHEET**  
according to Regulation (EC) No. 1907/2006  
Durablend™ 4T 20W-50 NEW 4 CYCLE  
SYNTHETIC BLEND MOTORCYCLE OIL

Version: 5.0

Revision Date: 15.11.2023

Print Date: 15/11/2023

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

TCSI	:	On the inventory, or in compliance with the inventory
TSCA	:	All substances listed as active on the TSCA inventory
AiIC	:	Not in compliance with the inventory
DSL	:	All components of this product are on the Canadian DSL
ENCS	:	Not in compliance with the inventory
KECI	:	On the inventory, or in compliance with the inventory
PICCS	:	On the inventory, or in compliance with the inventory
IECSC	:	On the inventory, or 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)

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**SECTION 16: Other information**

**Full text of H-Statements**

H304	:	May be fatal if swallowed and enters airways.
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
HU OEL	:	Hungary. Occupational Exposure Limits - Annex 1: Permissible concentration values
HU OEL / TWA	:	Mean concentration

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



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Durablend™ 4T 20W-50 NEW 4 CYCLE  
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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; 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 Cooperation 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; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

**Further information**

Internal information : R0517874

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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