

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

1.1. Product identifier

Product form : Mixture
Trade name : ENOC PROTEC 4T PREMIUM 20W-40
Product code : 220039

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Four Stroke Motorcycle Engine Oil

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

ENOC Marketing L.L.C
ENOC House I
P.O. Box 6442
Dubai - United Arab Emirates
T +971 4 313 4613 - F +971 4 313 4616

1.4. Emergency telephone number

Emergency number : +97143374400
(business hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 H319

Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) :

Warning

Hazard statements (CLP) :

H319 - Causes serious eye irritation.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards not contributing to the classification

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Amines, polyethylenepoly-, reaction products with 1,3-dioxolan-2-one and succinic anhydride monopolyisobutenyl derivatives	(CAS-No.) 147880-09-9 (EC-No.) 604-611-9 (REACH-no) Not available	1,2 - 1,5	Aquatic Chronic 4, H413

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Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)	(CAS-No.) 4259-15-8 (EC-No.) 224-235-5 (REACH-no) 01-2119493635-27	0,9 - 1,2	Eye Dam. 1, H318 Aquatic Chronic 2, H411
Calcium long chain alkaryl sulfonate	(CAS-No.) 722503-69-7 (EC-No.) 682-812-0 (REACH-no) Not available	<= 0.6	Aquatic Chronic 4, H413
Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased.	(CAS-No.) 68784-26-9 (EC-No.) 272-234-3 (REACH-no) 01-2119524004-56	<= 0.6	Aquatic Chronic 4, H413
Bis(nonylphenyl)amine	(CAS-No.) 36878-20-3 (EC-No.) 253-249-4 (REACH-no) 01-2119488911-28	<= 0,3	Aquatic Chronic 4, H413
Amines polyethylenepoly-reaction products with molybdenum oxide and succinic anhydride polyisobutenyl derivatives, sulfurized	(CAS-No.) 186432-61-1 (EC-No.) 606-084-0 (REACH-no) Not available	<= 0,3	Aquatic Chronic 4, H413
Phenol, dodecyl-, branched.	(CAS-No.) 121158-58-5 (EC-No.) 310-154-3 (EC Index-No.) 604-092-00-9 (REACH-no) 01-2119513207-49	< 0,09	Skin Corr. 1C, H314 Eye Dam. 1, H318 Repr. 1B, H360F Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)
Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivatives, calcium salts	(CAS-No.) 722503-68-6 (EC-No.) 682-816-2 (REACH-no) Not available	< 0,06	Skin Sens. 1B, H317 Aquatic Chronic 4, H413

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact	: Take off immediately all contaminated clothing. Wash off immediately with soap and plenty of water. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately and plentifully with water, also under the eyelids, for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Do not induce vomiting. Never give anything by mouth to an unconscious person. Immediately get medical attention.

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

Symptoms/effects after inhalation	: May cause irritation to the respiratory tract. May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: Injection under the skin of pressurized hydrocarbons can cause severe, permanent tissue damage. May cause skin irritation / dermatitis.
Symptoms/effects after eye contact	: May cause eye irritation.
Symptoms/effects after ingestion	: May result in aspiration into the lungs, causing chemical pneumonia.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: carbon dioxide (CO2), water, dry chemical powder.
Unsuitable extinguishing media	: None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: None known.
Explosion hazard	: None known.
Hazardous decomposition products in case of fire	: Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide. Aldehydes. Sulfur oxides.

5.3. Advice for firefighters

Firefighting instructions	: Cool down the containers exposed to heat with a water spray.
Protective equipment for firefighters	: Wear proper protective equipment. In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment	: Wear personal protection equipment.
Emergency procedures	: Evacuate area. Avoid contact with skin, eyes and clothes.

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6.1.2. For emergency responders

Protective equipment	: Wear suitable protective clothing. In case of fire: Wear self-contained breathing apparatus.
Emergency procedures	: Evacuate and limit access. Stop leak if safe to do so. Use ventilation/water spray/fog to disperse vapours. Do not touch spilled material.

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment	: Clean up any spills as soon as possible, using an absorbent material to collect it. For larger spills, dike area and pump into waste containers.
Methods for cleaning up	: Collect all waste in suitable and labelled containers and dispose according to local legislation.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: Handling this product may result in electrostatic accumulation. Use proper grounding procedures.
Precautions for safe handling	: Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Avoid static electricity discharges. Provide earthing of containers, equipment, pumps and ventilation facilities.
Hygiene measures	: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothes. Wash contaminated clothing prior to re-use.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in a dry, cool and well-ventilated place.
Special rules on packaging	: Keep only in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate).. (4259-15-8)		
Germany	TRGS 552	0,1 mg/m ³ (DFG MAK list) ZINC AND ITS INORGANIC COMPOUNDS (RESPIRABLE FRACTION)
Slovakia	NPHV (priemerná) (mg/m ³)	0,1 mg/m ³
Slovakia	OEL STEL (mg/m ³)	2 mg/m ³

8.2. Exposure controls

Appropriate engineering controls:

Either local exhaust or general room ventilation is usually required.

Personal protective equipment:

Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.

Materials for protective clothing:

Wear suitable protective clothing. Natural fibres (e.g. cotton)

Hand protection:

Wear suitable gloves tested to EN 374. Thickness of the glove material > 0.13 mm. Break through time: ≥ 480 min.

Eye protection:

Use splash goggles when eye contact due to splashing is possible. DIN EN 166

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Wear a respirator conforming to EN140 with Type A/P2 filter or better.

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Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: brown
Odour	: Characteristics.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 230 °C COC method
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.8810 g/cm ³ @ 15°C
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: 15.3 mm ² /s @ 100°C
Viscosity, dynamic	: No data available
Explosive properties	: Not explosive. However, formation of explosive air/vapour mixtures are possible.
Oxidising properties	: Not oxidizing.
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None known under normal conditions of use. No polymerization.

10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

No hazardous decomposition products known at room temperature.

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

Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased. (68784-26-9)

LD50 oral rat	> 5000 mg/kg
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Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate).. (4259-15-8)

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LD50 oral rat	3100 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Causes serious eye irritation.
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
Aspiration hazard	: May be fatal if swallowed and enters airways.

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Viscosity, kinematic	15.3 mm ² /s @ 100°C
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SECTION 12: Ecological information

12.1. Toxicity

Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Harmful to aquatic life with long lasting effects.

Bis(nonylphenyl)amine (36878-20-3)

LC50 fish 1	> 100 mg/l (Danio rerio (zebra fish))
EC50 Daphnia 1	> 100 mg/l
EC50 72h algae (1)	> 100 mg/l

Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate).. (4259-15-8)

LC50 fish 1	4.4 mg/l
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12.2. Persistence and degradability

Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased. (68784-26-9)

Persistence and degradability	not persistent. Readily biodegradable in water.
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12.3. Bioaccumulative potential

Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased. (68784-26-9)

Log Pow	6,6
Bioaccumulative potential	Low bioaccumulation potential.

Phenol, dodecyl-, branched. (121158-58-5)

Bioaccumulative potential	No data available.
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Zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate).. (4259-15-8)

Log Pow	2,86 (at 20 °C)
12.4. Mobility in soil	

Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased. (68784-26-9)

Ecology - soil	No available data.
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Phenol, dodecyl-, branched. (121158-58-5)

Ecology - soil

No available data.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)

: Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.

Waste treatment methods

: Can be incinerated according to local regulations.

Product/Packaging disposal recommendations

: Dispose of this material and its container to hazardous or special waste collection point.

European List of Waste (LoW) code

: 13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils

SECTION 14: Transport information

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

ADR	ADR	ADR	ADR	ADR	
14.1. UN number	14.1. UN number	14.1. UN number	14.1. UN number	14.1. UN number	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	N
14.2. UN proper shipping name	14.2. UN proper shipping name	14.2. UN proper shipping name	14.2. UN proper shipping name	14.2. UN proper shipping name	14.2. UN proper shipping name
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	N
14.3. Transport hazard	14.3. Transport hazard	14.3. Transport hazard	14.3. Transport hazard	14.3. Transport hazard	14.3. Transport hazard class(es)
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	N
14.4. Packing group	14.4. Packing group	14.4. Packing group	14.4. Packing group	14.4. Packing group	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	N
14.5. Environmental hazards	14.5. Environmental hazards	14.5. Environmental hazards	14.5. Environmental hazards	14.5. Environmental hazards	
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	N

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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Other information, restriction and prohibition regulations

: International regulatory information:

CAS RN: 36878-20-3

Name: Benzenamine, ar-nonyl-N-(nonylphenyl)-

Molecular formula: C₃₀H₄₇N

Secondary Notification Conditions: No

Canada

Canada. Domestic Substances List (DSL), as amended through 7 February 2018, CAS RN: 36878-20-3

Name: Benzenamine, ar-nonyl-N-(nonylphenyl)-

Molecular formula: C₃₀H₄₇N

A, Chemical Substance Identities, and TSCA Inventory Supplement 1 (1980), CAS RN: 36878-20-3

Name: Benzenamine, ar-nonyl-N-(nonylphenyl)- Molecular formula: C₃₀H₄₇N

July 2017,

CAS RN: 36878-20-3

Name: Benzenamine, ar-nonyl-N-(nonylphenyl)- (en-US) Japanese ENCS Number: (3)-138, Molecular formula: C₃₀H₄₇N

Japan. Industrial Safety & Health Law (ISHL) Inventory (as amended through 27 December 2017), CAS RN: 36878-20-3

Name: Benzenamine, ar-nonyl-N-(nonylphenyl)- (en-US)

Japanese ENCS Number: (3)-138

Japanese ISHL Number: (3)-138

Molecular formula: C₃₀H₄₇N

Note(s): iencs, CAS RN: 36878-20-3

Name: Benzenamine, ar-nonyl-N-(nonylphenyl)- (en-US), Japanese ENCS Number: (3)-301, Japanese ISHL Number: (3)-301, Molecular formula: C₃₀H₄₇N, Note(s): iencs

Name: Benzenamine, ar-nonyl-N-(nonylphenyl)- (en-US)

Japanese ENCS Number: (9)-2049

Japanese ISHL Number: (9)-2049

Molecular formula: C₃₀H₄₇N

Note(s): iencs

Notes

iencs Grandfathered onto ISHL from ENCS according to the Chemical Substance Control Law ('Kashinho').

Korea

Korea. Existing Chemicals Inventory (KECI, January 27, 2015, as amended through MoE No. 2018-11, 15 January, 2018)

CAS RN: 36878-20-3

Name: ar-Nonyl-N-(nonylphenyl)benzenamine

Korean ID Number: KE-26230

Molecular formula: C₃₀H₄₇N

Philippines

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Philippines. Inventory of Chemicals and Chemical Substances (PICCS) 2014

CAS RN: 36878-20-3

Name: BENZENAMINE, AR-NONYL-N-(NONYLPHENYL)-

U.S. Federal, TSCA

TSCA Interim List of Active Substances (40 CFR 711, as updated through February 2018)

CAS RN: 36878-20-3

Name: Benzenamine, ar-nonyl-N-(nonylphenyl)-

TSCA. 2012 Chemical Data Reporting (CDR) Results (13 August 2012),

CAS RN: 36878-20-3

Name: Benzenamine, ar-nonyl-N-(nonylphenyl)-

Activity: I, M

Notes

I Imported

M Manufactured

TSCA Exemption List of Active Substances (as updated through February 2018)

CAS RN: 36878-20-3

Name: Benzenamine, ar-nonyl-N-(nonylphenyl)-

Designation: ACTIVE

TSCA High Production Volume (HPV) Chemicals: 1990, 1994 & Post-1994 Additions (20 January 2006) [Obsolete]

CAS RN: 36878-20-3

Name: BENZENAMINE, AR-NONYL-N-(NONYLPHENYL)-

1990 HPV Challenge Program Chemical

HPV Indicator Value (see notes): 0

HPV Sponsorship Value (see notes): F

Notes

0 Chemical is a candidate for sponsorship under the HPV Challenge Program.

F Fully Sponsored Chemical

15.1.2. National regulations

Germany

Reference to AwSV

: Water hazard class (WGK) 3, severe hazard to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV

: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen

: 1-(tert-dodecylthio)propan-2-ol, Distillates, petroleum, hydrotreated light paraffinic, Distillates (petroleum), hydrotreated heavy paraffinic, Ethanol, 2,2'-iminobis-, N-tallow alkyl derivatives are listed

SZW-lijst van mutagene stoffen

: 1-(tert-dodecylthio)propan-2-ol, Distillates, petroleum, hydrotreated light paraffinic, Distillates (petroleum), hydrotreated heavy paraffinic are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding

: None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid

: None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling

: None of the components are listed

Denmark

Danish National Regulations

: Young people below the age of 18 years are not allowed to use the product

15.2. Chemical safety assessment

A chemical safety assessment has been carried out for the substance or the mixture by the supplier

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SECTION 16: Other information

Other information : It is the user's responsibility to take mentioned precaution measures and ensure that this information is complete and sufficient for the use of this product. Such information is actually to be best of our knowledge and believes accurate as reliable.

Full text of H- and EUH-statements:	
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Repr. 1B	Reproductive toxicity, Category 1B
Skin Corr. 1C	Skin corrosion/irritation, Category 1C
Skin Sens. 1B	Skin sensitisation, category 1B
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H360F	May damage fertility.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Eye Irrit. 2	H319	Calculation method
Aquatic Chronic 3	H412	Calculation method

SDS EU (REACH Annex II)

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