

according to Regulation (EC) No. 1907/2006 NAPA® N2371L VE 0W20 ECO Synthetic Motor Oil

Version: 7.0 Revision Date: 19.07.2023 Print Date: 16/10/2023

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

1.1 Product identifier

Trade name : NAPA® N2371L VE 0W20 ECO

Synthetic Motor Oil

Product code 902438

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

responsible for the SDS

SDS@valvolineglobal.com

#### 1.4 Emergency telephone number

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

#### **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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#### 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 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	64742-54-7 265-157-1 649-467-00-8 01-2119484627-25- xxxx	Asp. Tox. 1; H304	>= 40 - < 50
LUBRICATING OILS, PETROLEUM, C20-50, HYDROTREATED	72623-87-1 276-738-4 649-483-00-5 01-2119474889-13- xxxx	Asp. Tox. 1; H304	>= 1 - < 2.5
Reaction products of Benzeneamine, N-phenyl- with nonene (branched)	36878-20-3 253-249-4 01-2119488911-28- xxxx	Aquatic Chronic 4; H413	>= 1 - < 2.5
C14-16-18 Alkyl phenol	Not Assigned 01-2119498288-19- xxxx	Skin Sens. 1B; H317 STOT RE 2; H373 (Liver)	>= 1 - < 2.5



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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 : Move out of dangerous area.

Show this safety data sheet to the doctor in attendance.

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 : Flush eyes with water as a precaution.

Remove contact lenses. Protect unharmed eye.

Keep eye wide open while rinsing.

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. Take victim immediately to hospital.

## 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**

#### 5.1 Extinguishing media

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

carbon dioxide.



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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 (NOx)

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.

## **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 : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

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 : Soak up with inert absorbent material (e.g. sand, silica gel,

acid binder, universal binder, sawdust).

Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

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

## **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling



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Advice on safe handling : Do not breathe vapours/dust.

For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the

application area.

Dispose of rinse water in accordance with local and national

regulations.

Advice on protection against

fire and explosion

Normal measures for preventive fire protection.

Hygiene measures : Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage

areas and containers

Keep container tightly closed in a dry and well-ventilated place. Electrical installations / working materials must comply

with the technological safety standards.

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

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

#### Personal protective equipment

Eye/face protection : Eye wash bottle with pure water

Tightly fitting safety goggles

Hand protection

Material : neoprene, nitrile rubber

Break through time : >= 240 min 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



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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.

The suitability for a specific workplace should be discussed with the producers of the protective gloves.

with the producers of the protective glove

Skin and body protection : Impervious clothing

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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 : No data available

Odour Threshold : No data available

pH : Not applicable

Pour point : < -39 °C

Boiling point/boiling range : No data available

Flash point : 208 °C

Method: Pensky-Martens closed cup

Evaporation rate : No data available

Flammability (solid, gas) : No data available



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Upper explosion limit / Upper

flammability limit

No data available

Lower explosion limit / Lower

flammability limit

No data available

Vapour pressure : No data available

Relative vapour density : No data available

Relative density : No data available

Density : ca. 0.843 g/cm3 (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 : 48 mm2/s (40 °C)

Oxidizing properties : No data available

9.2 Other information

Self-ignition : No data available

# **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.



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10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

10.4 Conditions to avoid

Conditions to avoid : None known.

10.5 Incompatible materials

Materials to avoid : Strong bases

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 based on available information.

## **Components:**

## DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:

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

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

#### **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.

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



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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.

C14-16-18 Alkyl phenol:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg

Assessment: The substance or mixture has no acute oral

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 based on available information.

#### **Components:**

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

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

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

Species : Rabbit

Result : No skin 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.

C14-16-18 Alkyl phenol:

Method : OECD Test Guideline 431

Result : No skin irritation



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## Serious eye damage/eye irritation

Not classified based on available information.

## Components:

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

Assessment : No eye irritation Result : No eye irritation

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

Species : Rabbit

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.

C14-16-18 Alkyl phenol:

Species : Rabbit

Result : Slight, transient irritation

#### Respiratory or skin sensitisation

#### Skin sensitisation

Not classified based on available information.

#### Respiratory sensitisation

Not classified based on available information.

**Product:** 

Assessment : Does not cause skin sensitisation.

Remarks : Based on similar product.

#### **Components:**

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

Test Type : Buehler Test Species : Guinea pig

Assessment : Does not cause skin sensitisation.



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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.

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 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

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 based on available information.

**Components:** 

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

Carcinogenicity - : Classified based on DMSO extract content < 3% (Regulation

Assessment (EC) 1272/2008, Annex VI, Part 3, Note L)

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

Carcinogenicity - : Classified based on DMSO extract content < 3% (Regulation



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Assessment (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.

**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.

## **Aspiration toxicity**

Not classified based on available information.

#### **Components:**

## DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC:

May be fatal if swallowed and enters airways.

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

May be fatal if swallowed and enters airways.

#### **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:** 

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

Toxicity to fish : LL50 (Fish): > 100 mg/l

Exposure time: 96 h

aquatic invertebrates

Toxicity to daphnia and other : 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 : NOEC: 10 mg/l

aquatic invertebrates (Chronic toxicity)

Species: Aquatic invertebrates

**Ecotoxicology Assessment** 

Acute aquatic toxicity Not classified based on available information.

Not classified based on available information. Chronic aquatic toxicity

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

Toxicity to fish : LL50 (Pimephales promelas (fathead minnow)): > 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

EL50 (Daphnia magna (Water flea)): > 10,000 mg/l Toxicity to daphnia and other :



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aquatic invertebrates 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

**Ecotoxicology Assessment** 

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity : Not classified based on available information.

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

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 100 mg/l

Exposure time: 96 h Test Type: static test

Remarks: The toxicological data has been taken from

products of similar composition.

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): > 100 mg/l

Exposure time: 48 h Test Type: static test 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



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**Ecotoxicology Assessment** 

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity : Chronic aquatic toxicity Category 4; May cause long lasting

harmful effects to aquatic life.

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

**Ecotoxicology Assessment** 

Acute aquatic toxicity : Not classified based on available information.

Chronic aquatic toxicity: Not classified based on available information.

## 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



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C14-16-18 Alkyl phenol:

Biodegradability : Result: Readily biodegradable.

Remarks: Expert judgement

## 12.3 Bioaccumulative potential

#### Components:

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

Partition coefficient: n-

octanol/water

: log Pow: > 7.5

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

## **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods



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Product : Do not dispose of waste into sewer.

Do not contaminate ponds, waterways or ditches with

chemical or used container.

Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.

Dispose of as unused product.

Do not re-use empty containers.

## **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

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



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#### 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) No 1005/2009 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 : On the inventory, or in compliance with the inventory

TSCA : All substances listed as active on the TSCA inventory

AllC : On the inventory, or in compliance with the inventory

DSL : All components of this product are on the Canadian DSL



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ENCS : On the inventory, or 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 : Not 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.

H317 : May cause an allergic skin reaction.

H373 : May cause damage to organs through prolonged or repeated

exposure.

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 Sens. : Skin sensitisation

STOT RE : Specific target organ toxicity - repeated exposure

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; 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;



according to Regulation (EC) No. 1907/2006 NAPA® N2371L VE 0W20 ECO Synthetic Motor Oil

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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; 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: 000000260374

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