

according to Regulation (EC) No. 1907/2006 NAPA® NT106BK1000L SHPD E7 15W40 Motor Oil

Revision Date: 28.07.2023 Version: 13.0 Print Date: 16/10/2023

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

1.1 Product identifier

Trade name : NAPA® NT106BK1000L SHPD E7 15W40

Motor Oil

Product code 902603

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 MALEIC ANHYDRIDE, Reaction products of benzenesulfonic acid,

mono- C20-24 (even)-sec-alkyl derivs. para-, calcium salts. 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)
Mineral Oil	Not Assigned 01-2119484627-25- xxxx, 01- 2119471299-27- xxxx, 01- 2119487077-29- xxxx, 01- 2119480132-48-xxxx	Asp. Tox. 1; H304	>= 5 - < 10
Reaction products of benzenesulfonic acid, mono- C20-24 (even)-sec-alkyl derivs. para-, calcium salts	Not Assigned 947-519-7 01-2120765489-36- xxxx	Skin Sens. 1B; H317	>= 0.1 - < 0.5
MALEIC ANHYDRIDE	108-31-6 203-571-6 607-096-00-9	Acute Tox. 4; H302 Skin Corr. 1B; H314	>= 0 - < 0.001



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For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical

advice.

If symptoms persist, call a physician.

In case of 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.



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Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

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

carbon dioxide.

Unsuitable extinguishing

media

High volume water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion : carbon dioxide

products

: carbon dioxide and carbon monoxide

5.3 Advice for firefighters

Special protective equipment :

for firefighters

Wear self-contained breathing apparatus for firefighting if

necessary.

Further information : Standard procedure for chemical fires.

Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

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.



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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

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
MALEIC ANHYDRIDE	108-31-6	TWA	1 mg/m3	GB EH40
	Further information: Capable of causing occupational asthma.			
		STEL	3 mg/m3	GB EH40
	Further information: Capable of causing occupational asthma.			

Predicted No Effect Concentration (PNEC):



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0.1.4		
Substance name	Environmental Compartment	Value
MALEIC ANHYDRIDE	Fresh water	0.04281 mg/l
	Marine water	0.00428 mg/l
	Fresh water sediment	0.334 mg/kg
	Marine sediment	0.0334 mg/kg
	Sewage treatment plant	44.6 mg/l
	Soil	0.0415 mg/kg

8.2 Exposure controls

Personal protective equipment

Eye/face protection : Safety glasses

Hand protection

Material : neoprene, nitrile rubber

Break through time : >= 240 minGlove thickness : >= 0.35 mm

Directive : Equipment should conform to EN 374

Remarks : The selected protective gloves have to satisfy the

specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The data about break through time/strength of material are standard values! The exact break through time/strength of material has to be obtained from the producer of the

protective glove.

Skin and body protection : Protective suit

Respiratory protection : No personal respiratory protective equipment normally

required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : amber



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Odour : oily

Odour Threshold : No data available

pH : Not applicable

Pour point : < -33 °C

Boiling point/boiling range : No data available

Flash point : 236 °C

Method: Cleveland open cup

Evaporation rate : Not applicable

Flammability (solid, gas) : No data available

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 : 0.879 g/cm3 (15.6 °C)

Bulk density : Not applicable

Solubility(ies)

Water solubility : insoluble

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

Not applicable

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : < 6,800 mPa.s (-20 °C)



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Viscosity, kinematic : 113 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.

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 : Amines

Metals

strong alkalis

Strong oxidizing agents

water

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.



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Components:

MALEIC ANHYDRIDE:

Acute oral toxicity : LD50 (Rat): 1,090 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 4.35 mg/l

Exposure time: 1 h

Test atmosphere: dust/mist

Assessment: The substance or mixture has no acute

inhalation toxicity

Acute dermal toxicity : LD50 (Rabbit): 2,620 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Components:

MALEIC ANHYDRIDE:

Result : Corrosive after 3 minutes to 1 hour of exposure

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Result : No eye irritation

Remarks : Expected based on components.

Components:

MALEIC ANHYDRIDE:

Result : Corrosive

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.



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Components:

Reaction products of benzenesulfonic acid, mono- C20-24 (even)-sec-alkyl derivs. para-, calcium salts:

Assessment : The product is a skin sensitiser, sub-category 1B.

MALEIC ANHYDRIDE:

Test Type : Buehler Test
Exposure routes : Skin contact
Species : Guinea pig

Assessment : The product is a skin sensitiser, sub-category 1A.

Result : positive

Test Type : Local lymph node assay

Exposure routes : Skin contact Species : Mouse

Assessment : The product is a skin sensitiser, sub-category 1A.

Result : May cause sensitisation by skin contact.

Exposure routes : Skin contact
Species : Humans

Result : Causes sensitisation.

Exposure routes : inhalation (dust/mist/fume)

Species : Rat

Assessment : May cause sensitisation by inhalation.

Result : Causes sensitisation.

Exposure routes : inhalation (dust/mist/fume)

Species : Human

Result : Causes sensitisation.

Germ cell mutagenicity

Not classified based on available information.

Components:

MALEIC ANHYDRIDE:

Genotoxicity in vitro : Test Type: Ames test

Metabolic activation: with and without metabolic activation

Result: negative

Test Type: In vitro mammalian cell gene mutation test



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Metabolic activation: with and without metabolic activation

Result: negative

Genotoxicity in vivo : Test Type: Mammalian bone marrow sister chromatid

exchange

Species: Rat (male and female)
Application Route: Inhalation

Result: negative

Carcinogenicity

Not classified based on available information.

Components:

MALEIC ANHYDRIDE:

Species : Rat, male and female

Application Route : Oral

NOAEL : 100 mg/kg bw/day

Reproductive toxicity

Not classified based on available information.

Components:

MALEIC ANHYDRIDE:

Effects on fertility : Test Type: Two-generation study

Species: Rat, male and female

Application Route: Oral

Fertility: NOAEL Mating/Fertility: 55 mg/kg body weight

Effects on foetal : Test Type: Fertility/early embryonic development

development Species: Rat, female

Application Route: Oral

Developmental Toxicity: NOAEL F1: 140 mg/kg body weight

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Components:

MALEIC ANHYDRIDE:

Exposure routes : inhalation (vapour)
Target Organs : Respiratory system



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Assessment : Causes damage to organs through prolonged or repeated

exposure.

Exposure routes : Ingestion
Target Organs : Kidney

Assessment : May cause damage to organs through prolonged or repeated

exposure.

Repeated dose toxicity

Components:

MALEIC ANHYDRIDE:

Species : Rat, male
NOAEL : 40 mg/kg
Application Route : Oral

Exposure time : CUST-N11.00322330

Species : Rat, male LOAEL : 100 mg/kg

Application Route : Oral

Exposure time : CUST-N11.00322330

Species : Rat, male and female

NOAEL : 10 mg/kg
Application Route : Oral
Exposure time : 2 yr

Species : Rat, male and female

LOAEL : 32 mg/kg
Application Route : Oral
Exposure time : 2 yr

Species : Rat, male and female

NOAEL : 0.0033 mg/l
Application Route : inhalation (vapour)
Exposure time : 132 - 136 d

Species : Rat, male and female

LOAEL : 0.0098 mg/l
Application Route : inhalation (vapour)
Exposure time : 132 - 136 d

Species : Rat, male and female

LOAEL : 0.0011 mg/l
Application Route : inhalation (vapour)



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Exposure time : 132 - 136 d
Symptoms : Local irritation

Species : Hamster, male and female

NOAEL 0.0098 mg/l

Application Route : inhalation (vapour)

Exposure time : 132 - 136 d

Species : Hamster, male and female

LOAEL : 0.0011 mg/l
Application Route : inhalation (vapour)
Exposure time : 132 - 136 d
Symptoms : Local irritation

Species : Monkey, male and female

NOAEL : 0.0098 mg/l
Application Route : inhalation (vapour)
Exposure time : 132 - 136 d

Species : Monkey, male and female

LOAEL : 0.0011 mg/l
Application Route : inhalation (vapour)
Exposure time : 132 - 136 d
Symptoms : Local irritation

Aspiration toxicity

Not classified based on available information.

Components:

Mineral Oil:

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

Components:

Reaction products of benzenesulfonic acid, mono- C20-24 (even)-sec-alkyl derivs, para-, calcium salts:

LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l Toxicity to fish

Exposure time: 96 h

aquatic invertebrates

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 1,000 mg/l

Exposure time: 48 h

Toxicity to algae/aquatic

plants

: EC50 (Selenastrum capricornutum (green algae)): > 1,000

Exposure time: 96 h

Ecotoxicology Assessment

Acute aquatic toxicity Not classified based on available information.

Chronic aquatic toxicity Not classified based on available information.

MALEIC ANHYDRIDE:

Toxicity to fish : LC50 (Fish): 75 mg/l

> Exposure time: 96 h Method: Static Remarks: Mortality

LC50 (Gambusia affinis (Mosquito fish)): 230 mg/l

Exposure time: 96 h Method: Static Remarks: Mortality

aquatic invertebrates

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 43 mg/l

Exposure time: 48 h Test Type: static test

Toxicity to algae/aquatic

plants

EC10 (Pseudokirchneriella subcapitata (green algae)): 12 mg/l

Exposure time: 72 h

Test Type: Growth inhibition

EC50 (Pseudokirchneriella subcapitata (green algae)): 74 mg/l

Exposure time: 72 h



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Test Type: Growth inhibition

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

aquatic invertebrates End point: Reproduction Test

(Chronic toxicity) Exposure time: 21 d

Species: Daphnia magna (Water flea)

Test Type: semi-static test

Ecotoxicology Assessment

Acute aquatic toxicity : Acute aquatic toxicity Category 3; Harmful to aquatic life.

Chronic aquatic toxicity : Not classified based on available information.

12.2 Persistence and degradability

Components:

Reaction products of benzenesulfonic acid, mono- C20-24 (even)-sec-alkyl derivs. para-, calcium salts:

Biodegradability : Biodegradation: 8 %

Exposure time: 28 d

Method: OECD Test Guideline 301D

MALEIC ANHYDRIDE:

Biodegradability : Test Type: aerobic

Inoculum: activated sludge Result: Readily biodegradable.

Biodegradation: 81 % Exposure time: 28 d

Method: OECD Test Guideline 301E

12.3 Bioaccumulative potential

Components:

MALEIC ANHYDRIDE:

Partition coefficient: n- :

octanol/water

: Remarks: Not applicable

12.4 Mobility in soil

No data available



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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.

Components:

MALEIC ANHYDRIDE:

Assessment : This substance is not considered to be persistent,

bioaccumulating and toxic (PBT).. This substance is not considered to be very persistent and very bioaccumulating

(vPvB).

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

Contaminated packaging : Empty containers should be taken to an approved waste

handling site for recycling or disposal.

Waste Code : The Waste code should be assigned in discussion between

the user and the waste disposal company.

The following Waste Codes are only suggestions:

13 02 05, mineral-based non-chlorinated engine, gear and

lubricating oils



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SECTION 14: Transport information

14.1 UN number

ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA P : Not regulated as a dangerous good

14.2 UN proper shipping name

ADR : Not regulated as a dangerous good

RID : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA P : Not regulated as a dangerous good

14.3 Transport hazard class(es)

ADR : Not regulated as a dangerous good

RID : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA_P : Not regulated as a dangerous good

14.4 Packing group

ADR : Not regulated as a dangerous good

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

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

Not applicable for product as supplied.



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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 mixtureRelevant 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 : Not applicable

concern (SVHC) for Authorisation

The Persistent Organic Pollutants Regulations (retained : Not applicable

Regulation (EU) 2019/1021 as amended for Great

Britain)

Regulation (EC) No 1005/2009 on substances that : Not applicable

deplete the ozone layer

UK REACH List of substances subject to authorisation : Not applicable

(Annex XIV)

Control of Major Accident Hazards Regulations Not applicable

2015 (COMAH)

Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

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

TCSI : Not in compliance with the inventory

TSCA : Product contains substance(s) not listed on TSCA inventory.

AIIC : Not in compliance with the inventory

DSL : This product contains the following components that are not

on the Canadian DSL nor NDSL.

Lubrizol CV2301 - EMEA and SG

ENCS : Not in compliance with the inventory



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KECI Not in compliance with the inventory

PICCS Not in compliance with the inventory

IECSC Not in compliance with the inventory

NZIoC On the inventory, or in compliance with the inventory

15.2 Chemical safety assessment

No data available

Inventories

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

SECTION 16: Other information

Full text of H-Statements

H302 : Harmful if swallowed.

H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction. Causes serious eye damage. H318

May cause allergy or asthma symptoms or breathing H334

difficulties if inhaled.

H372 Causes damage to organs through prolonged or repeated

exposure if inhaled.

Full text of other abbreviations

Acute Tox. Acute toxicity Asp. Tox. Aspiration hazard Eye Dam. Serious eye damage Resp. Sens. Respiratory sensitisation

Skin Corr. Skin corrosion Skin Sens. Skin sensitisation

STOT RE Specific target organ toxicity - repeated exposure GB EH40 UK. EH40 WEL - Workplace Exposure Limits

Long-term exposure limit (8-hour TWA reference period) GB EH40 / TWA Short-term exposure limit (15-minute reference period) GB EH40 / STEL

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)



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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; 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: R0517005

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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