

Safety Data Sheet

according to Regulation (EC) No 1907/2006

NATURAL NEROLIDOL (CABREUVA OIL FRACTIONS)

Revision date: 09.08.2023

Product code: 277200

Page 1 of 15

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

1.1. Product identifier

NATURAL NEROLIDOL (CABREUVA OIL FRACTIONS)

Substance name: NATURAL NEROLIDOL
CAS No: 7212-44-4
EC No: 230-597-5
UFI: 0VPR-5S52-000U-DAUX

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

Use of the substance/mixture

Manufacturing of: - Air care products - Perfumes, fragrances - Pharmaceuticals - Cosmetics, personal care products - Flavouring Substances - Other

1.3. Details of the supplier of the safety data sheet

Company name: Axxence Aromatic GmbH
Street: Tackenweide 28
Place: D-46446 Emmerich am Rhein
Telephone: + 49 2822 68561 0
E-mail: info@axxence.com
Contact person: Safety Team
E-mail: safety-documentation@axxence.com
Internet: www.axxence.de
Responsible Department: Safety Management

Telefax: + 49 2822 68561 39

Telephone: + 49 2822 68561 0

1.4. Emergency telephone number:

+49 2822 68561 99

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Eye Irrit. 2; H319
Skin Sens. 1; H317
Aquatic Acute 1; H400
Aquatic Chronic 1; H410

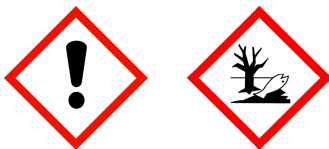
Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Signal word: Warning

Pictograms:



Hazard statements

H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash hands thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

NATURAL NEROLIDOL (CABREUVA OIL FRACTIONS)

Revision date: 09.08.2023

Product code: 277200

Page 2 of 15

P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352	IF ON SKIN: Wash with plenty of Water and soap.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
P391	Collect spillage.
P501	Dispose of contents/container to organic waste.

2.3. Other hazards

Contains no substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH.

Contains no substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH.

SECTION 3: Composition/information on ingredients

3.1. Substances

Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
7212-44-4	NATURAL NEROLIDOL			>90 %
	230-597-5			
	Eye Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H319 H317 H400 H410			
5392-40-5	NATURAL CITRAL			<1 %
	226-394-6	605-019-00-3		
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1; H315 H319 H317			
5989-27-5	(R)-p-mentha-1,8-diene, d-limonene			<1 %
	227-813-5	601-029-00-7		
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H315 H317 H304 H400 H410			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
7212-44-4	230-597-5	NATURAL NEROLIDOL	>90 %
	dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg		
5392-40-5	226-394-6	NATURAL CITRAL	<1 %
	dermal: LD50 = >2000 mg/kg; oral: LD50 = 6800 mg/kg		
5989-27-5	227-813-5	(R)-p-mentha-1,8-diene, d-limonene	<1 %
	dermal: LD50 = >5000 mg/kg; oral: LD50 = 5300 mg/kg		

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

NATURAL NEROLIDOL (CABREUVA OIL FRACTIONS)

Revision date: 09.08.2023

Product code: 277200

Page 3 of 15

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink 1 glass of water.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Non-flammable.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Safety Data Sheet

according to Regulation (EC) No 1907/2006

NATURAL NEROLIDOL (CABREUVA OIL FRACTIONS)

Revision date: 09.08.2023

Product code: 277200

Page 4 of 15

Advice on safe handling

No special measures are necessary.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff. Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

No special measures are necessary.

7.3. Specific end use(s)

Manufacturing of: - Air care products - Perfumes, fragrances - Pharmaceuticals - Cosmetics, personal care products - Flavouring Substances - Other

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Safety Data Sheet

according to Regulation (EC) No 1907/2006

NATURAL NEROLIDOL (CABREUVA OIL FRACTIONS)

Revision date: 09.08.2023

Product code: 277200

Page 5 of 15

DNEL/DMEL values

CAS No	Name of agent			
DNEL type		Exposure route	Effect	Value
7212-44-4	NATURAL NEROLIDOL			
Worker DNEL, long-term		inhalation	systemic	10 mg/m³
Worker DNEL, long-term		dermal	systemic	2,8 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	2,9 mg/m³
Consumer DNEL, long-term		dermal	systemic	1,7 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,8 mg/kg bw/day
Worker DNEL, long-term		dermal	local	0,123 mg/cm²
Consumer DNEL, long-term		dermal	local	0,123 mg/cm²
5392-40-5	NATURAL CITRAL			
Worker DNEL, long-term		inhalation	systemic	9 mg/m³
Worker DNEL, long-term		dermal	systemic	1,7 mg/kg bw/day
Worker DNEL, long-term		dermal	local	0,14 mg/cm²
Consumer DNEL, long-term		inhalation	systemic	2,7 mg/m³
Consumer DNEL, long-term		dermal	systemic	1 mg/kg bw/day
Consumer DNEL, long-term		dermal	local	0,14 mg/cm²
Consumer DNEL, long-term		oral	systemic	0,6 mg/kg bw/day
5989-27-5	(R)-p-mentha-1,8-diene, d-limonene			
Worker DNEL, long-term		inhalation	systemic	66,7 mg/m³
Worker DNEL, long-term		dermal	systemic	9,5 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	16,6 mg/m³
Consumer DNEL, long-term		dermal	local	4,8 mg/cm²
Consumer DNEL, long-term		oral	systemic	4,8 mg/kg bw/day

Safety Data Sheet

according to Regulation (EC) No 1907/2006

NATURAL NEROLIDOL (CABREUVA OIL FRACTIONS)

Revision date: 09.08.2023

Product code: 277200

Page 6 of 15

PNEC values

CAS No	Name of agent	
Environmental compartment		Value
7212-44-4	NATURAL NEROLIDOL	
Freshwater		0,001 mg/l
Freshwater (intermittent releases)		0,005 mg/l
Marine water		0 mg/l
Freshwater sediment		0,07 mg/kg
Marine sediment		0,007 mg/kg
Micro-organisms in sewage treatment plants (STP)		10 mg/l
Soil		0,014 mg/kg
5392-40-5	NATURAL CITRAL	
Freshwater		0,00678 mg/l
Freshwater (intermittent releases)		0,0678 mg/l
Marine water		0,000678 mg/l
Freshwater sediment		0,125 mg/kg
Marine sediment		0,0125 mg/kg
Micro-organisms in sewage treatment plants (STP)		1,6 mg/l
Soil		0,021 mg/kg
5989-27-5	(R)-p-mentha-1,8-diene, d-limonene	
Freshwater		0,014 mg/l
Marine water		0,0014 mg/l
Freshwater sediment		3,85 mg/kg
Marine sediment		0,385 mg/kg
Secondary poisoning		133 mg/kg
Micro-organisms in sewage treatment plants (STP)		1,8 mg/l
Soil		0,763 mg/l

8.2. Exposure controls



Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection: goggles.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Suitable gloves type: Disposable gloves + NBR

Skin protection

Use of protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

NATURAL NEROLIDOL (CABREUVA OIL FRACTIONS)

Revision date: 09.08.2023

Product code: 277200

Page 7 of 15

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	
Melting point/freezing point:	-75 °C
Boiling point or initial boiling point and boiling range:	263 °C
Flammability:	not determined
Lower explosion limits:	0,7 vol. %
Upper explosion limits:	4,5 vol. %
Flash point:	96 °C
Auto-ignition temperature:	237 °C
Decomposition temperature:	not determined
pH-Value:	not determined
Viscosity / kinematic: (at 40 °C)	6,41 mm²/s
Water solubility: (at 20 °C)	0,014 g/l
Solubility in other solvents	not determined
Partition coefficient n-octanol/water:	4,5-5,86
Vapour pressure: (at 20 °C)	0,0024 hPa
Density (at 20 °C):	0,88 g/cm³
Relative vapour density:	not determined

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

The product is not: Explosive. not explosive according to EU A.14

Oxidizing properties

The product is not: oxidising.

Other safety characteristics

Evaporation rate:	not determined
Solvent content:	0%
Solid content:	0%
Viscosity / dynamic: (at 20 °C)	13,8 mPa·s

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

none

10.5. Incompatible materials

No information available.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

NATURAL NEROLIDOL (CABREUVA OIL FRACTIONS)

Revision date: 09.08.2023

Product code: 277200

Page 8 of 15

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

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

Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
7212-44-4	NATURAL NEROLIDOL				
	oral	LD50 >5000 mg/kg	Rat	SDS MERCK	
	dermal	LD50 >5000 mg/kg	Rabbit	REACH Dossier	
5392-40-5	NATURAL CITRAL				
	oral	LD50 6800 mg/kg	Rat	REACH registration	
	dermal	LD50 >2000 mg/kg	Rat	REACH registration	
5989-27-5	(R)-p-mentha-1,8-diene, d-limonene				
	oral	LD50 5300 mg/kg	Rat	IFA GESTIS	
	dermal	LD50 >5000 mg/kg	Rabbit	REACH registration	OECD 402

Irritation and corrosivity

Serious eye damage/eye irritation: Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

May cause an allergic skin reaction. (NATURAL NEROLIDOL; NATURAL CITRAL; (R)-p-mentha-1,8-diene, d-limonene)

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting properties

No information available.

Further information

This substance is classified as hazardous according to Regulation (EC) No 1272 (2008).

SECTION 12: Ecological information

12.1. Toxicity

Safety Data Sheet

according to Regulation (EC) No 1907/2006

NATURAL NEROLIDOL (CABREUVA OIL FRACTIONS)

Revision date: 09.08.2023

Product code: 277200

Page 9 of 15

Very toxic to aquatic life with long lasting effects.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
7212-44-4	NATURAL NEROLIDOL					
	Acute fish toxicity	LC50 1,43 mg/l	96 h	Pimephales promelas (fathead minnow)	REACH Dossier	ASTM standards. Method: E03-05
	Acute algae toxicity	ErC50 2 mg/l	72 h	Desmodesmus subspicatus	REACH Dossier	OECD 201
	Acute crustacea toxicity	EC50 0,51 mg/l	48 h	Daphnia magna (Big water flea)	REACH Dossier	EU Method C.2
	Fish toxicity	NOEC 0,64 mg/l	4 d	Pimephales promelas (fathead minnow)	REACH Dossier	
	Algae toxicity	NOEC 0,44 mg/l	3 d	Desmodesmus subspicatus	REACH Dossier	OECD 201
	Acute bacteria toxicity	EC50 >1000 mg/l ()	0,5 h	Activated sludge	REACH Dossier	OECD 209
5392-40-5	NATURAL CITRAL					
	Acute fish toxicity	LC50 6,78 mg/l	96 h	Leuciscus idus (golden orfe)	REACH registration	DIN 38412 L
	Acute algae toxicity	ErC50 103,8 mg/l	72 h	Desmodesmus subspicatus	REACH registration	DIN 38412 L9
	Acute crustacea toxicity	EC50 6,8 mg/l	48 h	Daphnia magna (Big water flea)	REACH registration	Directive 79/831 EWG, C2 annex V
	Acute bacteria toxicity	EC50 160 mg/l ()	0,5 h	Activated sludge	REACH registration	OECD 209
5989-27-5	(R)-p-mentha-1,8-diene, d-limonene					
	Acute fish toxicity	LC50 0,72 mg/l	96 h	Pimephales promelas (fathead minnow)	REACH registration	OECD 203
	Acute algae toxicity	ErC50 0,32 mg/l	72 h	Pseudokirchneriella subcapitata	REACH registration	OECD 201
	Acute crustacea toxicity	EC50 0,307 mg/l	48 h	Daphnia magna (Big water flea)	REACH registration	OECD 202
	Fish toxicity	NOEC 0,37 mg/l	8 d	Pimephales promelas (fathead minnow)	REACH Registration	OECD 212
	Acute bacteria toxicity	EC50 209 mg/l ()	3 h	Activated sludge	REACH registration	OECD 209

12.2. Persistence and degradability

The product has not been tested.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

NATURAL NEROLIDOL (CABREUVA OIL FRACTIONS)

Revision date: 09.08.2023

Product code: 277200

Page 10 of 15

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
7212-44-4	NATURAL NEROLIDOL			
	OECD 301F	78%	20	REACH Dossier
	Readily biodegradable (according to OECD criteria).			
	OECD 301F	68%	14	REACH Dossier
	Readily biodegradable (according to OECD criteria).			
	OECD 301F	16%	4	REACH Dossier
	Readily biodegradable (according to OECD criteria).			
5392-40-5	NATURAL CITRAL			
	OECD 301C	85-95%	28	REACH registration
	Readily biodegradable (according to OECD criteria).			
5989-27-5	(R)-p-mentha-1,8-diene, d-limonene			
	OECD 301D	80%	28	REACH Registration
	Readily biodegradable (according to OECD criteria).			
	OECD 301D	71%	14	REACH Registration
	Readily biodegradable (according to OECD criteria).			
	OECD 301D	41%	7	REACH Registration
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
7212-44-4	NATURAL NEROLIDOL	5,86
5392-40-5	NATURAL CITRAL	2,76
5989-27-5	(R)-p-mentha-1,8-diene, d-limonene	4,5

BCF

CAS No	Chemical name	BCF	Species	Source
7212-44-4	NATURAL NEROLIDOL	-		REACH Dossier
5392-40-5	NATURAL CITRAL	89,72	-	REACH Dossier
5989-27-5	(R)-p-mentha-1,8-diene, d-limonene	690,1	aquatic species	REACH registration

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

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

The product has not been tested.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

No information available.

12.7. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

Safety Data Sheet

according to Regulation (EC) No 1907/2006

NATURAL NEROLIDOL (CABREUVA OIL FRACTIONS)

Revision date: 09.08.2023

Product code: 277200

Page 11 of 15

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

List of Wastes Code - used product

160305 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes containing hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:

UN 3082

14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es):

9

14.4. Packing group:

III

Hazard label:

9



Classification code:

M6

Special Provisions:

274 335 375 601

Limited quantity:

5 L

Excepted quantity:

E1

Transport category:

3

Hazard No:

90

Tunnel restriction code:

-

Inland waterways transport (ADN)

14.1. UN number or ID number:

UN 3082

14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es):

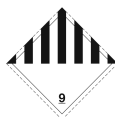
9

14.4. Packing group:

III

Hazard label:

9



Classification code:

M6

Special Provisions:

274 335 375 601

Limited quantity:

5 L

Excepted quantity:

E1

Marine transport (IMDG)

Safety Data Sheet

according to Regulation (EC) No 1907/2006

NATURAL NEROLIDOL (CABREUVA OIL FRACTIONS)

Revision date: 09.08.2023

Product code: 277200

Page 12 of 15

14.1. UN number or ID number: UN 3082
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3. Transport hazard class(es): 9
14.4. Packing group: III
Hazard label: 9



Special Provisions: 274 335 969
Limited quantity: 5 L
Excepted quantity: E1
EmS: F-A, S-F

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 3082
14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3. Transport hazard class(es): 9
14.4. Packing group: III
Hazard label: 9



Special Provisions: A97 A158 A197 A215
Limited quantity Passenger: 30 kg G
Passenger LQ: Y964
Excepted quantity: E1
IATA-packing instructions - Passenger: 964
IATA-max. quantity - Passenger: 450 L
IATA-packing instructions - Cargo: 964
IATA-max. quantity - Cargo: 450 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



Danger releasing substance: NEROLIDOL
D-LIMONENE

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3

Directive 2010/75/EU on industrial emissions: 0,5 % (4,4 g/l)

Directive 2004/42/EC on VOC in paints and varnishes: 1 % (8,8 g/l)

Safety Data Sheet

according to Regulation (EC) No 1907/2006

NATURAL NEROLIDOL (CABREUVA OIL FRACTIONS)

Revision date: 09.08.2023

Product code: 277200

Page 13 of 15

Information according to Directive
2012/18/EU (SEVESO III):

E1 Hazardous to the Aquatic Environment

National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile
work protection guideline' (94/33/EC).

Water hazard class (D):

2 - obviously hazardous to water

Skin resorption/Sensitization:

Causes allergic hypersensitivity reactions.

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,2,3,4,5,6,7,8,9,11,12,13,14,15,16.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

NATURAL NEROLIDOL (CABREUVA OIL FRACTIONS)

Revision date: 09.08.2023

Product code: 277200

Page 14 of 15

Abbreviations and acronyms

Flam. Liq: Flammable liquid
 Asp. Tox: Aspiration hazard
 Skin Irrit: Skin irritation
 Eye Irrit: Eye irritation
 Skin Sens: Skin sensitisation
 Aquatic Acute: Acute aquatic hazard
 Aquatic Chronic: Chronic aquatic hazard
 ADR: Accord européen sur le transport des marchandises dangereuses par Route
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service
 LC50: Lethal concentration, 50%
 LD50: Lethal dose, 50%
 CLP: Classification, labelling and Packaging
 REACH: Registration, Evaluation and Authorization of Chemicals
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
 UN: United Nations
 DNEL: Derived No Effect Level
 DMEL: Derived Minimal Effect Level
 PNEC: Predicted No Effect Concentration
 ATE: Acute toxicity estimate
 LL50: Lethal loading, 50%
 EL50: Effect loading, 50%
 EC50: Effective Concentration 50%
 ErC50: Effective Concentration 50%, growth rate
 NOEC: No Observed Effect Concentration
 BCF: Bio-concentration factor
 PBT: persistent, bioaccumulative, toxic
 vPvB: very persistent, very bioaccumulative
 RID: Regulations concerning the international carriage of dangerous goods by rail
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
 EmS: Emergency Schedules
 MFAG: Medical First Aid Guide
 ICAO: International Civil Aviation Organization
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships
 IBC: Intermediate Bulk Container
 VOC: Volatile Organic Compounds
 SVHC: Substance of Very High Concern
 For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>
 UVCB: Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
 For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

NATURAL NEROLIDOL (CABREUVA OIL FRACTIONS)

Revision date: 09.08.2023

Product code: 277200

Page 15 of 15

H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.