

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Product name : OIL, AMBER ROMANCE VS TYPE PF*
 CAS-No. : N/A
 Product code : 93-0121-41

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Nature's Oil
 115 Lena Drive
 Aurora, OH 44202 - United States
 1-888-728-7612
 documents@naturesoil.com - www.naturesoil.com

1.4. Emergency telephone number

Emergency number

Domestic: 1-800-633-8253
 International: 1-801-629-0667

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Acute toxicity (inhalation:vapour) Category 3
 Skin sensitization, Category 1

Toxic if inhaled
 May cause an allergic skin reaction

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

May cause an allergic skin reaction
 Toxic if inhaled

Precautionary statements (GHS US) :

Avoid breathing dust/fume/gas/mist/vapours/spray.
 Use only outdoors or in a well-ventilated area.
 Contaminated work clothing must not be allowed out of the workplace.
 Wear protective gloves/protective clothing/eye protection/face protection.
 If on skin: Wash with plenty of water.
 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 Call a poison center or doctor.
 Specific treatment (see supplemental first aid instruction on this label).
 If skin irritation or rash occurs: Get medical advice/attention.
 Wash contaminated clothing before reuse.
 Store in a well-ventilated place. Keep container tightly closed.
 Store locked up.
 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 which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

OIL, AMBER ROMANCE VS TYPE PF*

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone	(CAS-No.) 54464-57-2	1 - 5	Skin Irrit. 2, H315 Skin Sens. 1B, H317
2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	(CAS-No.) 28219-61-6	1 - 5	Eye Irrit. 2A, H319
VANILLIN	(CAS-No.) 121-33-5	1 - 5	Eye Irrit. 2, H319
3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde	(CAS-No.) 31906-04-4	1 - 5	Skin Sens. 1A, H317
ALPHA HEXYLCINNAMALDEHYDE	(CAS-No.) 101-86-0	1 - 5	Skin Sens. 1B, H317
BENZYL SALICYLATE	(CAS-No.) 118-58-1	1 - 5	Eye Irrit. 2B, H320 Skin Sens. 1, H317
METHYL GAMMA-IONONE	(CAS-No.) 127-51-5	1 - 5	Skin Sens. 1B, H317
ETHYL VANILLIN	(CAS-No.) 121-32-4	1 - 5	Eye Irrit. 2B, H320
LINALOOL	(CAS-No.) 78-70-6	0.1 - 1	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
CITRONELLOL	(CAS-No.) 106-22-9	0.1 - 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
ALLYL CYCLOHEXYLPROPIONATE	(CAS-No.) 2705-87-5	0.1 - 1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Sens. 1, H317

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a doctor.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse eyes with water as a precaution.
- First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after skin contact : May cause an allergic skin reaction.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

- Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

OIL, AMBER ROMANCE VS TYPE PF*

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

ETHYL VANILLIN NF (121-32-4)

Not applicable

VANILLIN (121-33-5)

Not applicable

ALLYL CYCLOHEXYL PROPIONATE (2705-87-5)

Not applicable

HEXYL CINNAMIC ALDEHYDE ALPHA (101-86-0)

Not applicable

ISO E SUPER (54464-57-2)

Not applicable

BACDANOL (28219-61-6)

Not applicable

BENZYL SALICYLATE (118-58-1)

Not applicable

CITRONELLOL (106-22-9)

Not applicable

LINALOOL 90 (78-70-6)

Not applicable

LYRAL SG (31906-04-4)

Not applicable

METHYL GAMMA-IONONE EXTRA (127-51-5)

Not applicable

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

OIL, AMBER ROMANCE VS TYPE PF*

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
	: COLORLESS TO PALE YELLOW
Odor	: CHARACTERISTIC, MATCHING RETAINER SAMPLE
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 117 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 1.012 (1.002 - 1.022)
Solubility	: Insoluble.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

Refractive index : 1.465 (1.455 - 1.475)

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

OIL, AMBER ROMANCE VS TYPE PF*

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

OIL, AMBER ROMANCE VS TYPE PF* (N/A)	
ATE US (vapors)	3.495 mg/l/4h
ETHYL VANILLIN NF (121-32-4)	
ATE US (oral)	3000 mg/kg body weight
VANILLIN (121-33-5)	
LD50 oral rat	3300 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male/female, Experimental value, Dermal, 14 day(s))
ATE US (oral)	3300 mg/kg body weight
ALLYL CYCLOHEXYL PROPIONATE (2705-87-5)	
ATE US (oral)	480 mg/kg body weight
ATE US (dermal)	1600 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h
HEXYL CINNAMIC ALDEHYDE ALPHA (101-86-0)	
ATE US (oral)	3100 mg/kg body weight
BENZYL SALICYLATE (118-58-1)	
LD50 oral rat	2227 mg/kg (Rat)
LD50 dermal rabbit	14150 mg/kg (Rabbit)
ATE US (oral)	2200 mg/kg body weight
ATE US (dermal)	14150 mg/kg body weight
CITRONELLOL (106-22-9)	
LD50 oral rat	3450 mg/kg (Rat, Inconclusive, insufficient data, Oral)
LD50 dermal rabbit	2650 mg/kg (Rabbit, Inconclusive, insufficient data, Dermal)
ATE US (oral)	3450 mg/kg body weight
ATE US (dermal)	2650 mg/kg body weight
LINALOOL 90 (78-70-6)	
LD50 oral rat	2790 mg/kg (Rat)
LD50 dermal rat	5610 mg/kg (Rat)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit)
ATE US (oral)	2790 mg/kg body weight
ATE US (dermal)	5610 mg/kg body weight

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitization : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

OIL, AMBER ROMANCE VS TYPE PF*

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Symptoms/effects after skin contact : May cause an allergic skin reaction.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

VANILLIN (121-33-5)	
LC50 fish 1	57 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)
EC50 Daphnia 1	36.79 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ErC50 (algae)	120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

CITRONELLOL (106-22-9)	
LC50 fish 1	10 - 22 mg/l (96 h, Leuciscus idus)
EC50 Daphnia 1	17 mg/l (48 h, Daphnia magna)

LINALOOL 90 (78-70-6)	
EC50 Daphnia 1	59 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna)
EC50 other aquatic organisms 1	>= 100 mg/l (3 h; Activated sludge)
LC50 fish 2	27.8 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Salmo gairdneri)
Threshold limit algae 1	88.3 mg/l (EC50; 96 h)

12.2. Persistence and degradability

VANILLIN (121-33-5)	
Persistence and degradability	Readily biodegradable in water.

BENZYL SALICYLATE (118-58-1)	
Persistence and degradability	Biodegradability in water: no data available.

CITRONELLOL (106-22-9)	
Persistence and degradability	Readily biodegradable in water.
Chemical oxygen demand (COD)	2.05 g O ₂ /g substance
ThOD	2.961 g O ₂ /g substance

LINALOOL 90 (78-70-6)	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.531 g O ₂ /g substance
Chemical oxygen demand (COD)	2.808 g O ₂ /g substance

12.3. Bioaccumulative potential

VANILLIN (121-33-5)	
Log Pow	1.17 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

BENZYL SALICYLATE (118-58-1)	
Log Pow	4.31 (Estimated value)

OIL, AMBER ROMANCE VS TYPE PF*

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

CITRONELLOL (106-22-9)	
Log Pow	3.41 - 3.91
LINALOOL 90 (78-70-6)	
Log Pow	2.84 - 3.145
Bioaccumulative potential	Bioaccumable.

12.4. Mobility in soil

VANILLIN (121-33-5)	
Log Koc	3.438 (log Koc, Experimental value)
Ecology - soil	Low potential for mobility in soil.

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

ETHYL VANILLIN NF (121-32-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
VANILLIN (121-33-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
ALLYL CYCLOHEXYL PROPIONATE (2705-87-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
HEXYL CINNAMIC ALDEHYDE ALPHA (101-86-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
ISO E SUPER (54464-57-2)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
BACDANOL (28219-61-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
BENZYL SALICYLATE (118-58-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
CITRONELLOL (106-22-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

OIL, AMBER ROMANCE VS TYPE PF*

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

LINALOOL 90 (78-70-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

LYRAL SG (31906-04-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

METHYL GAMMA-IONONE EXTRA (127-51-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

ETHYL VANILLIN NF (121-32-4)

Listed on the Canadian DSL (Domestic Substances List)

VANILLIN (121-33-5)

Listed on the Canadian DSL (Domestic Substances List)

ALLYL CYCLOHEXYL PROPIONATE (2705-87-5)

Listed on the Canadian DSL (Domestic Substances List)

HEXYL CINNAMIC ALDEHYDE ALPHA (101-86-0)

Listed on the Canadian DSL (Domestic Substances List)

ISO E SUPER (54464-57-2)

Listed on the Canadian DSL (Domestic Substances List)

BACDANOL (28219-61-6)

Listed on the Canadian DSL (Domestic Substances List)

BENZYL SALICYLATE (118-58-1)

Listed on the Canadian DSL (Domestic Substances List)

CITRONELLOL (106-22-9)

Listed on the Canadian DSL (Domestic Substances List)

LINALOOL 90 (78-70-6)

Listed on the Canadian DSL (Domestic Substances List)

LYRAL SG (31906-04-4)

Listed on the Canadian DSL (Domestic Substances List)

METHYL GAMMA-IONONE EXTRA (127-51-5)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

Revision date : 07/31/2020

OIL, AMBER ROMANCE VS TYPE PF*

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Full text of H-phrases:

H227	Combustible liquid
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H320	Causes eye irritation
H332	Harmful if inhaled

SDS US (GHS HazCom 2012) - Bulk Apothecary

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.