





SAFETY DATA SHEET

In compliance with Regulation (EC) No 1907/2006

Orange Clove and Cinnamon 20040


1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY	
1.1 Product identifier Product identifier / No: UFI:	Orange Clove and Cinnamon 20040 URY2-T078-0008-7MK1
1.2 Relevant identified uses of the mixture and uses advised against:	Perfuming agent for finished consumer products. Not for personal use in this form or concentration.
1.3 Details of the supplier of the safety data sheet:	Perfumedom Theodoros Ant. Vasiliadis Ag. Panteleimonos 1, Thessaloniki 56123 Greece Tel: 2311110366
1.4 Emergency telephone number:	+30 2311110366

2. HAZARD IDENTIFICATION	
2.1 Classification of the substance or mixture	
2.1.1 Classification according to Regulation (EC) No 1272/2008:	- - No pictogram required Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.  GHS02 Flame Flam. Liq. 3 H226 Flammable liquid and vapour.  GHS07 Exclamation mark Skin Irrit. 2 H315 Causes skin irritation. Eye Irrit. 2 H319 Causes serious eye irritation. Skin Sens. 1 H317 May cause an allergic skin reaction.  GHS08 Health hazard Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.  GHS09 Environment Aquatic Acute 1 H400 Very toxic to aquatic life.

SAFETY DATA SHEET

In compliance with Regulation (EC) No 1907/2006

Orange Clove and Cinnamon 20040

2.2 Label elements	
2.2.1 Hazard pictogram(s):	
2.2.2 Signal word	Danger
2.2.3 Hazard Statement(s):	Harmful to aquatic life with long lasting effects. Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May be fatal if swallowed and enters airways. Very toxic to aquatic life.
2.2.4 Precautionary statements	
General:	P101 If medical advice is needed, have product container or label at hand. P103 Read label before use.
Prevention:	P210 Keep away from heat / sparks / open flames / hot surfaces. - No smoking. P233 Keep container tightly closed. P240 Ground / bond container and receiving equipment. P241 Use explosion-proof electrical / ventilating / lighting equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. 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. P273 Avoid release to the environment. P280 Wear protective gloves / protective clothing / eye protection / face protection.

SAFETY DATA SHEET

In compliance with Regulation (EC) No 1907/2006

Orange Clove and Cinnamon 20040

2.2 Label elements

Response in cases of accidental spillage or exposure:

P301+P310+P331 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment
P332+P313 If skin irritation occurs: Get medical advice / attention.
P333+P313 If skin irritation or rash occurs: Get medical advice / attention.
P337+P313 If eye irritation persists: Get medical advice / attention.
P362 Take off contaminated clothing and wash before reuse.
P363 Wash contaminated clothing before reuse.

Storage:

P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Disposal:

P501 Dispose of contents / container in accordance with government regulations.

Hazardous component (s) for labeling:

CAS No:

Chemical name:

5989-27-5

(R)-p-Mentha-1,8-diene

123-35-3

7-Methyl-3-methylene-1,6-octadiene

104-55-2

Cinnamaldehyde

78-70-6

3,7-Dimethyl-1,6-octadien-3-ol

EUH208: Contains an ingredient that may produce an allergic reaction:

CAS No:

Chemical name:

5989-27-5

(R)-p-Mentha-1,8-diene

104-55-2

Cinnamaldehyde

78-70-6

3,7-Dimethyl-1,6-octadien-3-ol

115-95-7

3,7-Dimethylocta-1,6-dien-3-ylacetate

106-22-9

3,7-Dimethyl-6-octen-1-ol

127-91-3

beta-Pinene

97-53-0

2-Methoxy-4-(2-propenyl)-phenol

6485-40-1

(-)-Carvone

5392-40-5

(E/Z)-3,7-Dimethyl-2,6-octadienal

1885-38-7

Cinnamyl nitrile

SAFETY DATA SHEET

In compliance with Regulation (EC) No 1907/2006

Orange Clove and Cinnamon 20040

2.2 Label elements

2.3 Other hazards

This mixture does not contain any PBT (persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative) substances according to Directive (EC) No 1907/2006.

This mixture does not contain endocrine disrupting substances according to Regulation (EU) 2017/2100.

Handling may cause static charge which may ignite the mixture.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation: Mixture of substances listed below with non-hazardous additions.







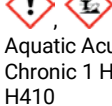
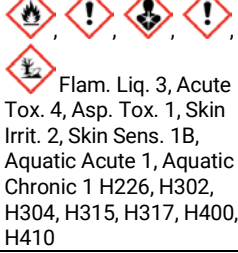
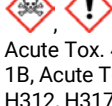
CAS-/EINECS-No: Not applicable

Quantity	CAS No EINECS No REACH No	Name	Comment	Classification (GHS)
>50%	5989-27-5 227-813-5 01-2119529223-47	(R)-p-Mentha-1,8-diene		 Flam. Liq. 3, Asp. Tox. 1, Skin Irrit. 2, Skin Sens. 1B, Aquatic Acute 1, Aquatic Chronic 3 H226, H304, H315, H317, H400, H412
5-10%	104-55-2 203-213-9 01-2119935242-45	Cinnamaldehyde		 - Acute Tox. 4, Skin Irrit. 2, Skin Sens. 1A, Eye Irrit. 2, Aquatic Chronic 3 H312, H315, H317, H319, H412
1-5%	78-70-6 201-134-4 01-2119474016-42	3,7-Dimethyl-1,6-octadien-3-ol		 Skin Irrit. 2, Skin Sens. 1B, Eye Irrit. 2 H315, H317, H319
1-5%	123-35-3 204-622-5	7-Methyl-3-methylene-1,6-octadiene		 Flam. Liq. 3, Asp. Tox. 1, Skin Irrit. 2, Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 2 H226, H304, H315, H319, H400, H411
1-5%	121-33-5 204-465-2 01-2119516040-60	4-Hydroxy-3-methoxybenzaldehyde		 Eye Irrit. 2 H319
1-5%	112-31-2 203-957-4 01-2119967771-26	Decanal		 - Eye Irrit. 2, Aquatic Chronic 3 H319, H412
<1%	115-95-7 204-116-4 01-2119454789-19	3,7-Dimethylocta-1,6-dien-3-yl acetate		 Skin Irrit. 2, Skin Sens. 1B H315, H317
<1%	124-13-0 204-683-8 01-2119638274-38	Octanal		 Flam. Liq. 3, Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 2 H226, H315, H319, H411
<1%	106-22-9 203-375-0 01-2119453995-23	3,7-Dimethyl-6-octen-1-ol		 Skin Irrit. 2, Skin Sens. 1B, Eye Irrit. 2 H315, H317, H319

SAFETY DATA SHEET

In compliance with Regulation (EC) No 1907/2006

Orange Clove and Cinnamon 20040
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<1%	127-91-3 204-872-5 01-2119519230-54	beta-Pinene	M-factor: 1	 Flam. Liq. 3, Asp. Tox. 1, Skin Irrit. 2, Skin Sens. 1B, Aquatic Acute 1, Aquatic Chronic 1 H226, H304, H315, H317, H400, H410
<1%	5392-40-5 226-394-6 01-2119462829-23	(E/Z)-3,7-Dimethyl-2,6-octadienal		 Skin Irrit. 2, Skin Sens. 1, Eye Irrit. 2 H315, H317, H319
<1%	8000-41-7 232-268-1 01-2119553062-49	p-Menth-1-en-8-ol (& isomers)		 Skin Irrit. 2, Eye Irrit. 2 H315, H319
<1%	97-53-0 202-589-1 01-2119971802-33	2-Methoxy-4-(2-propenyl)-phenol		 Skin Sens. 1B, Eye Irrit. 2 H317, H319
<1%	111-87-5 203-917-6 01-2119486978-10	1-Octanol		 , - Eye Irrit. 2, Aquatic Chronic 3 H319, H412
<1%	6485-40-1 229-352-5 01-2119962458-25	(-)-Carvone		 Skin Sens. 1B H317
<1%	112-44-7 203-972-6 01-2119529242-47	Undecanal	M-factor: 1	 Skin Irrit. 2, Aquatic Acute 1, Aquatic Chronic 1 H315, H400, H410
<1%	80-56-8 201-291-9 01-2119519223-49	alpha-Pinene	M-factor: 1	 Flam. Liq. 3, Acute Tox. 4, Asp. Tox. 1, Skin Irrit. 2, Skin Sens. 1B, Aquatic Acute 1, Aquatic Chronic 1 H226, H302, H304, H315, H317, H400, H410
<1%	1885-38-7 217-552-5	Cinnamyl nitrile		 Acute Tox. 3, Acute Tox. 4, Skin Sens. 1B, Acute Tox. 4 H301, H312, H317, H332

See section 16 for the full text of the H statements declared above.

4. FIRST AID MEASURES	
4.1 Description of first aid measures	
General advice:	Seek medical advice immediately and show this safety data sheet. Take off all contaminated clothing.
Inhalation:	In case of excessive inhalation remove the person to fresh air and keep at rest in a comfortable position. Obtain medical advice immediately.

SAFETY DATA SHEET

In compliance with Regulation (EC) No 1907/2006

Orange Clove and Cinnamon 20040
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Skin contact:	Remove contaminated clothing. (N.B. - wash before re-use). Wash off skin immediately with plenty of water, using soap if available.
Eye contact:	Immediately rinse the eyes with plenty of water (15 minutes). If any sign of tissue damage or persistent irritation is apparent, obtain medical advice immediately.
Ingestion:	Rinse mouth with water. Give a glass / cup of milk / water to drink. Do not induce vomiting. Obtain medical advice immediately.
4.2 Most important symptoms and effects, both acute and delayed	No further relevant information available.
4.3 Indication of immediate medical attention and special treatment needed	No further relevant information available.

5. FIREFIGHTING MEASURES	
5.1 Extinguishing media	Suitable extinguishing agents: - Dry extinguishing agent - Alcohol resistant foam - Carbon dioxide - Water spray
5.2 Special hazard arising from the substance or mixture	No specific hazard known.
5.3 Advice for fire-fighters	No specific advice.

6. ACCIDENTAL RELEASE MEASURES	
6.1 Personal precautions, protective equipment and emergency procedures	
6.1.1 For non-emergency personnel:	Adequate protective gloves should be worn when handling spillages. No smoking. Avoid naked flames or other potential sources of ignition (eg. electrical equipment). Avoid skin contamination and inhalation of vapour. Individual washing routines should be followed after any potential contact. Ensure adequate ventilation in working areas following accidental releases.
6.1.2 For emergency personnel:	Apply the same recommendations as section 6.1.1
6.2 Environmental precautions	Do not allow to enter sewers / surface or ground water.
6.3 Methods and material for containment and cleaning up	
6.3.1 For containment	Any absorbent used for cleaning up spillage should be disposed promptly, accordingly to local regulation. Gross spillages should be contained by any means, and disposal of this should be in accordance with governmental Regulations
6.3.2 For cleaning-up	Spillages should be disposed of in accordance with Governmental Regulations.
6.4 Reference to other sections	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SAFETY DATA SHEET

In compliance with Regulation (EC) No 1907/2006

Orange Clove and Cinnamon 20040
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7. HANDLING AND STORAGE	
7.1 Precautions for safe handling	Avoid contact with skin and eyes. Wear appropriate protective gloves and goggles / face shield. Do not smoke. Avoid all sources of ignition. Avoid excessive temperature during processing. Do not ingest or apply directly to skin. Good ventilation of storage and work place.
7.1.1 Protective measures:	Keep strict control of dust accumulation to a minimum. Maintain adequate local and general ventilation where product is handled. Avoid any sources of ignition.
7.1.2 Advice on general occupational hygiene:	Good personal washing routines should be followed.
7.2 Conditions for safe storage, including any incompatibilities	
7.2.1 Requirements to be met by storerooms and receptacles:	It is good general practice to store in closed, preferably full, containers away from heat sources, and protected from extremes of temperature. Do not store below 20 °C Protect from light. Do not re-use the empty container.
7.2.2 Information about storage in one common storage facility:	No further relevant information available.
7.2.3 Further information about storage conditions:	Not available
7.3 Specific end use(s)	Perfuming of consumer products

8. EXPOSURE CONTROLS / PERSONAL PROTECTION						
8.1 Control parameters						
Ingredients with limit values that require monitoring at the workplace:						
Ingredient	Value	Short-term value	Long-term value	Base	CAS-No	
		[mg/m ³]	[ppm]			Publication
(R)-p-Mentha-1,8-diene	MAK	220	40	110	20	SuvaPro 2013
Damage to the fetus need not be feared if the MAK value is observed						
8.2 Exposure controls						
8.2.1 Engineering measures						
Ensure adequate ventilation, especially in confined areas						
Additional information about design of technical facilities:						
No further data, see item 7						
8.2.2 Personal protective equipment						
Respiratory protection:						
Use respiratory protection if ventilation is insufficient						
Protection of hands:						
<div style="display: flex; align-items: center;"> Use chemically resistant gloves as needed. </div>						

SAFETY DATA SHEET

In compliance with Regulation (EC) No 1907/2006

Orange Clove and Cinnamon 20040

Eye protection:



Use goggles.

Body protection:

Protective clothing, gloves and goggles

Hygienic measures:

Avoid contact with skin and eyes

8.2.3 Limitation and supervision of exposure into the environment

Take precautions to prevent the product from entering the sewage system. In case of contamination of water or sewage system, inform the responsible authorities.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	liquid	
Colour:	orange	
Odour:	fruity-sweet-powdery	
Odour threshold:	not determined	
Flashpoint (°C):	53.0	Method: Pensky-Martens, closed cup
Relative density (d 20/4 °C):	0.867	
PH-value:	not applicable	
Boiling point (°C):	not determined	
Melting point (°C):	not determined	
Auto flammability (°C):	not determined	
Explosive prop. (°C):	not determined	
Oxidizing properties:	none expected	
Vapour pressure:	not determined	
Water solubility:	not determined	
Solvent Content:	0%	
VOC:	76.029%	
9.2 Other information		
	no data available	

10. STABILITY AND REACTIVITY

10.1 Reactivity:	No reaction known with water.
10.2 Chemical Stability:	Good stability at standard temperature.
10.3 Possibility of hazardous reactions:	Vapors can form flammable mixtures with air.
10.4 Conditions to avoid:	Avoid temperatures above or at least 5 °C below flash point for any flammable liquids. Do not heat closed containers. Avoid contact with oxidizing agents.
10.5 Incompatible materials:	Not known.
10.6 Hazardous decompositions products:	Contact with water or storage under recommended conditions for one year should not produce dangerous decomposition products.

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes according to Regulation (EC) No 1272/2008

Acute toxicity:	No data available
Skin corrosion/irritation	No data available
Serious eye damage / irritation	No data available
Respiratory or skin sensitisation	No data available
CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)	No data available
STOT – single exposure	No data available
STOT – repeated exposure	No data available
Aspiration hazard	No data available

SAFETY DATA SHEET

In compliance with Regulation (EC) No 1907/2006

Orange Clove and Cinnamon 20040

11.2 Information on other hazards

Endocrine disrupting properties: No data available

Other information: No data available

12. ECOLOGICAL INFORMATION

12.1 Toxicity:	No further relevant information available. (Product is a mixture). The product must be labeled according to Regulation (EC) No. 1272/2008 (CLP) in the currently valid version.
12.2 Persistence and degradability:	No further relevant information available.
12.3 Bioaccumulative potential:	No further relevant information available.
12.4 Mobility in soil	No further relevant information available.
12.5 Results of PBT and vPvB assessment	This mixture does not contain substances classified as PBT or vPvB.
12.6 Endocrine disrupting properties	This mixture does not contain any substances with endocrine-disrupting properties according to the evaluation criteria set out in (EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605.
12.7 Other adverse effects	No further relevant information available.

13. DISPOSAL CONDITIONS

Residual quantities of the product should be treated according to the instructions given under points 6, 7 and 8 above. Wastes should be eliminated according to national or regional regulatory requirements currently in force. Minimize release to the environment.

14. TRANSPORTATION INFORMATION

UN-Nr. 1169	 	IMDG-Code 3	Packing group: III
RID/ADR 3		IATA/DGR 3	

UN proper shipping name:

RID/ADR: EXTRACTS, AROMATIC, LIQUID

IMDG: EXTRACTS, AROMATIC, LIQUID

IATA/ICAO: EXTRACTS, AROMATIC, LIQUID

Marine pollutant: (R)-p-Mentha-1,8-diene

Additional information: In case of accidental spillage or fire during transport please refer to instructions under the above mentioned headings 5, 6, 7 and 8.

15. REGULATORY INFORMATION

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

15.1.1 Regulation (EC) No 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Substances of very high concern None of the components are listed.

Annex XVII - Restriction on the manufacture and use of certain dangerous substances, mixtures and articles

SAFETY DATA SHEET

In compliance with Regulation (EC) No 1907/2006

Orange Clove and Cinnamon 20040

Not applicable

15.1.2 National Regulations (Germany) Classification according VwVwS, Annexe 4

Water hazard class 2

15.2 Chemical safety assessment

No data available at this time.

16. OTHER INFORMATION

16.1 Full text of abbreviated H-phrases	H226 H301 H302 H304 H312 H315 H317 H319 H332 H400 H410 H411 H412	Flammable liquid and vapour. Toxic if swallowed. Harmful if swallowed. May be fatal if swallowed and enters airways. Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects.
16.2 Full text of abbreviated classifications (GHS)	Acute Tox. 3 oral Acute Tox. 4 derm. Acute Tox. 4 inh. Acute Tox. 4 oral Aquatic Acute 1 Aquatic Chronic 1 Aquatic Chronic 2 Aquatic Chronic 3 Asp. Tox. 1 Eye Irrit. 2 Flam. Liq. 3 Skin Irrit. 2 Skin Sens. 1 Skin Sens. 1A	Acute Toxicity, Oral Category 3 Acute Toxicity, Dermal Category 4 Acute Toxicity, Inhalation Category 4 Acute Toxicity, Oral Category 4 Acute Aquatic Toxicity Category 1 Chronic Aquatic Toxicity Category 1 Chronic Aquatic Toxicity Category 2 Chronic Aquatic Toxicity Category 3 Aspiration Toxicity Category 1 Eye irritation Category 2 Flammable Liquids Category 3 Skin irritation Category 2 Skin Sensitisers Category 1 Skin Sensitisers Category 1A
16.3 Abbreviations and acronyms	ADR AFS AGS EINECS GHS IATA IMDG MAK REACH SuvaPro VOC	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) Arbetsmiljöverkets författningssamling (Se) Ausschuss für Gefahrstoffe (D) European Inventory of Existing Commercial Chemical Substances Globally Harmonized System of Classification and Labelling of Chemicals International Air Transport Association International Maritime Code for Dangerous Goods Maximale Arbeitsplatzkonzentration Registration, Evaluation, Authorisation and Restriction of Chemical substances, European Community Regulation on chemicals and their safe use (EC 1907/2006) Suva: Grenzwerte am Arbeitsplatz (CH) Volatile Organic Compounds (USA, EU)

SAFETY DATA SHEET

In compliance with Regulation (EC) No 1907/2006

Orange Clove and Cinnamon 20040

16.4 Recommended applications: Concentrated perfumery raw material.
Unsuitable for personal use as such.

The recommendations in this safety data sheet reflect the knowledge available to us on the date of going to print. They are intended to give you hints for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and waste disposal. This information cannot be transferred to other products. In those cases where the product mentioned in this safety data sheet is blended, mixed or processed with other materials or processed in any other way, the information contained in this safety data sheet cannot be related to the new material obtained in this way.