

SAFETYDATASHEET

According to Regulation(EC) No.1907/2006(REACH) and Regulation(EU) No2020/878

Itemnumber/Tradename **30690 Palo Santo**

Printdate **11/13/2023**

Version/Issuedate: **9/ 11/03/2023**

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SECTION1: Identification of the substance/mixture and of the company/undertaking

Productidentifier

Itemnumber/Tradename	Fragrance composition 30690
UFI	Palo Santo 4YR7-21Y8-P00U-PW1Q

Relevantidentifiedusesofthesubstanceormixtureandusesadvisedagainst

Generaluse	Perfumes, fragrances, Formulation of fragranced products
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Detailsofthesupplierofthesafetydatasheet

Company/undertakingidentification	
Name	Perfumedom
Street/POB-No.:1	Εth. Antistaseos 52
City	Thessaloniki 56123
Phone#	+302311110366
Telefax#	+302311110366
E-mail	sales@perfumedom.com

Emergencytelephonenumber

Name	Regulatory (Mo 8.00-16.30,Fr 8.00-14.30)
Phone#	+302311110366

SECTION2: Hazards identification

Classification of the substance or mixture

Classification according to EC regulation1272/2008(CLP)

AquaticAcute1; H400 Verytoxictoaquatic life.
Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.
Eye Irrit. 2; H319 Causes serious eye irritation.
SkinIrrit.2;H315 Causes skinirritation.
SkinSens.1;H317 Maycauseanallergicskinreaction.

Labellements



Signalword



Warning

Nature of Hazard

GHS07 Exclamation mark
GHS09 Environment

Hazard statements

H315 Causes skinirritation.
H319 Causes serious eyeirritation.
H317 Maycauseanallergicskinreaction.
H400 Very toxic to aquatic life.

Safety precautions

H411 Toxic to aquatic lifewithlonglasting effects.
P264 Washaffectedareasthoroughlyafterhandling.
P280 Wearprotectivegloves/protectiveclothing/eyeprotection/faceprotection.
P321 Specific treatment (see ### on this label).

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P362 Take off contaminated clothing.
P302+P352 IF ON SKIN: Wash with plenty of water/soap.
P332+P313 If skin irritation occurs: Get medical advice/attention.
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.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container to hazardous waste.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P273 Avoid release to the environment.
P391 Collect spillage.

Hazard components for labelling

Cinnamylalcohol
Cinnamaldehyde
Geraniol
Nerol
piperonal
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one
Linalool
Coumarin
Eugenol
Isoeugenol

Special provisions concerning the labeling of certain mixtures

Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulating and toxic (PBT) or very persistent and very bioaccumulating (vPvB) at levels of 0.1% or higher. The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

SECTION3: Composition / information on ingredients

Substances

Mixtures

Hazardous ingredients

Nerol: 0,1%-0,99%

CAS-Nummer:106-25-2

EINECS/ELINCS/NLP:203-378-7

REACH-Registrierungsnr.: 01-2119983244-33

Einstufung gemäß EG-Verordnung 1272/2008 (CLP):

EyeIrrit.2; H319/SkinIrrit.2; H315/SkinSens.1B; **H317**

Piperonal: 0,1%-0,99%

CAS-Nummer:120-57-0

EINECS/ELINCS/NLP:204-409-7

REACH-Registrierungsnr.: 01-2119983608-21

Einstufung gemäß EG-Verordnung 1272/2008 (CLP):

Skin Sens. 1B; **H317**

Eugenol:0,1%-0,99%

CAS-Nummer:97-53-0

EINECS/ELINCS/NLP:202-589-1

REACH-Registrierungsnr.: 01-2119971802-33

Einstufung gemäß EG-Verordnung 1272/2008 (CLP):

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Eyelrrit.2; H319/SkinSens.1B; **H317**

Isoeugenol: 0,01%-0,09%

CAS-Nummer:97-54-1

EU-Indexnummer: 604-094-00-X

EINECS/ELINCS/NLP:202-590-7

REACH-Registrierungsnr.: 01-2120223682-61

Einstufung gemäß EG-Verordnung 1272/2008 (CLP):

Acute Tox. 4; H302/Acute Tox. 4; H312/Acute Tox. 4; H332/Eye Irrit. 2; H319 Skin Irrit. / STOTSE3;H335 / 2; H315/Skin Sens. 1A; H317

2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol: 3%-9,99%

CAS-Nummer:28219-61-6

EINECS/ELINCS/NLP:248-908-8

REACH-Registrierungsnr.: 01-2119529224-45

Einstufung gemäß EG-Verordnung 1272/2008 (CLP):

AquaticChronic2;H411/Eyelrrit.2;H319/SkinIrrit.2;H315

Methylionon: 2,5%-2,99%

CAS-Nummer:1335-46-2

EINECS/ELINCS/NLP:215-635-0

EinstufunggemäßEG-Verordnung1272/2008(CLP):

AquaticChronic2;H411/Eyelrrit.2;H319/SkinIrrit.2;H315

Cinnamylalcohol: 2,5%-2,99%

CAS-Nummer:104-54-1

EINECS/ELINCS/NLP:203-212-3

REACH-Registrierungsnr.: 01-2119934496-29

Einstufung gemäß EG-Verordnung 1272/2008 (CLP):

AcuteTox.4;H302/SkinSens.1B;**H317**

Geraniol: 1%-2,49%

CAS-Nummer:106-24-1

EU-Indexnummer: 603-241-00-5

EINECS/ELINCS/NLP:203-377-1

REACH-Registrierungsnr.:01-2119552430-49

EinstufunggemäßEG-Verordnung1272/2008(CLP):

Eye Dam. 1;H318/SkinIrrit.2;H315/SkinSens.1;**H317**

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one: 1%-2,49%

CAS-Nummer:54464-57-2

EINECS/ELINCS/NLP:259-174-3

REACH-Registrierungsnr.: 01-2119489989-04

Einstufung gemäß EG-Verordnung 1272/2008 (CLP):

AquaticChronic 2 (M1);H411/Skin Irrit.2; H315/SkinSens. 1B; **H317**

Cumarin: 1%-2,49%

CAS-Nummer:91-64-5

EINECS/ELINCS/NLP:202-086-7

REACH-Registrierungsnr.:01-2119949300-45

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EinstufunggemäßEG-Verordnung1272/2008(CLP):

AcuteTox.3;H301/SkinSens.1B;**H317**

Linalool: 1 %-2,49 %

CAS-Nummer:78-70-6

EU-Indexnummer: 603-235-00-2

EINECS/ELINCS/NLP:201-134-4

REACH-Registrierungsnr.: 01-2119474016-42

Einstufung gemäß EG-Verordnung 1272/2008 (CLP):

EyeIrrit.2;H319/SkinIrrit.2;H315/SkinSens.1B;**H317**

Cinnamaldehyde: 0,1%-0,99%

CAS-Nummer:104-55-2

EINECS/ELINCS/NLP:203-213-9

REACH-Registrierungsnr.: 01-2119935242-45

Einstufung gemäß EG-Verordnung 1272/2008 (CLP):

Acute Tox. 4; H312/Aquatic Chronic 3; H412/Eye Irrit. 2; H319/Skin Irrit. 2; H315/Skin Sens. 1A; **H317**

Amyl salicylate :0,1%-0,99%

CAS-Nummer:2050-08-0

EINECS/ELINCS/NLP:218-080-2

REACH-Registrierungsnr.: 01-2119969444-27

Einstufung gemäß EG-Verordnung 1272/2008 (CLP):

AcuteTox.4;H302/AquaticAcute1(M1);H400/AquaticChronic1(M1);H410

SECTION4:First aid measures

Descriptionoffirstaidmeasures

Generalinformation

Removeaffectedpersonfromthedangerareaandlaydown.Donotleaveaffected personunattended. Showthissafetydatasheettothedoctorinattendance.

Incaseofinhalation

Ifunconsciousbutbreathingnormally,placeinrecoverypositionandseek medicaladvice.Seekmedicalaidincaseoftroubles.

Incase ofskin contact

Thoroughlycleanthecontaminatedareawithwater.

After eye contact

Removecontactlenses,ifany.Immediatelyflusheyeswithplentyofflowing water for 10 to 15 minutes holding eyelids apart. Subsequently seek the immediate attention of an ophthalmologist.

After swallowing

Keep airway open. Never give anything by mouth to an unconscious person. Seek medical treatment in case of troubles.

Most importantsymptomsandeffects,bothacuteanddelayed

Symptoms

Nodata available

Indicationofanyimmediatemedicalattentionandspecialtreatmentneeded

Informationtophysician

Nodata available

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SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media Dry extinguishing powder, Alcohol resistant foam, Carbon dioxide (CO₂), water mist

Extinguishing media which must not be used for safety reasons Full waterjet

Special hazards arising from the substance or mixture

Possible combustion products May form dangerous gases and vapours in case of fire.

Advice for

firefighters Special protective equipment for firefighters

Additional information Do not allow water used to extinguish fire to enter drains, ground or waterways. +25°C.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

environmental precautions

Do not allow to penetrate into soil, water bodies or drains. Lead to irritation of the mucous membranes.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.

Reference to other sections

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling Avoid exposure - obtain special instructions before use. Do not breathe vapours. Avoid contact with skin, eyes, and clothing. When using do not eat, drink, smoke, sniff. Ensure all waste water is collected and treated via a waste water treatment plant. Personal protection equipment: see section 8

Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers Keep container tightly closed in a cool, well-ventilated place. Protect from light. Do not store together with food.

Storage class 10

Specific end use(s)

General use Perfumes, fragrances, Formulation of fragranced products

SECTION 8: Exposure controls/personal protection

Control parameters

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Exposure controls

Respiratory protection	Avoid exceeding WEL threshold levels. Respiratory protection must be worn whenever the WEL levels have been exceeded. Filter Typ ABEK gemäß EN 14387 benutzen. Provide good ventilation and/or an exhaust system in the work area.
Hand protection	breakthrough time Short-term, accidental skin contact: Breakthrough time 10 min In case of prolonged or frequently repeated skin contact: If direct skin contact with the chemical is expected during work, then gloves conforming to EN 16523-1/ASTM F739 (or equivalent local standard) with a breakthrough time at least equal to the contact time must be worn. Breakthrough time: Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Eye protection	Use safety glasses conforming to EN 166/ANSI Z87.1 or equivalent local standards.
Body protection	EN 143. When handling larger quantities: face protection, rubber boots and rubber apron.
General protection and hygiene measures	Wash hands before breaks and immediately after using the product. Wash contaminated clothing prior to re-use.

SECTION 9: Physical and chemical properties

information on basic physical and chemical properties

Form	liquid
Colour	yellowish
Odour	characteristic

Important health, safety and environmental information

	min	max		
Melting point/freezing point	<20°C	---		
Initial boiling point and boiling range	---	---		
Flammability			---	
Explosion limits	---	---		
Flashpoint	> 132 °C	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
Solubility	---	---	---	---
Partition coefficient: n-octanol/water	---			---
Vapour pressure	berechn. 0,0032 hPa		20°C	---
Density and/or relative density	1,084 g/ml	---	20°C	---
Relative vapour density	---	---		---
Bulk density	---	---		---
Flow time 4mm (DIN)	---			
Water solubility	---			

Other information

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SECTION 10: Stability and reactivity

Reactivity	Nodata available
Chemical stability	Nodata available
Possibility of hazardous reactions	Electrical installations must be suitable for temperature class T2.
Conditions to avoid	Nodata available
Incompatible materials	Nodata available
Hazardous decomposition products	Nodata available

SECTION 11: Toxicological information

Information on toxicological effects

General remarks

Nodata available

Toxicological tests: components

Nerol

oral	LD50	4500.0	mg/kg	-
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Toxicological tests: components

piperonal

oral	LD50	2700.0	mg/kg	-
------	------	--------	-------	---

dermal	LD50	5000.0	mg/kg	-
--------	------	--------	-------	---

Toxicological tests: components

Eugenol

oral	LD50	2130.0	mg/kg	-
------	------	--------	-------	---

Toxicological tests: components

Isoeugenol

oral	LD50	1560.0	mg/kg	-
------	------	--------	-------	---

dermal	LD50	1770.0	mg/kg	-
--------	------	--------	-------	---

Toxicological tests: components Benzyl

benzoate

oral	LD50	2000.0	mg/kg	-
------	------	--------	-------	---

dermal	LD50	4000.0	mg/kg	-
--------	------	--------	-------	---

Toxicological tests: components

2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol

dermal	LD50	5000.0	mg/kg	-
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Toxicological tests: components

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Cinnamylalcohol

oral	LD50	2000.0	mg/kg	-
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Toxicological tests: components

Geraniol

oral	LD50	3600.0	mg/kg	-
------	------	--------	-------	---

dermal	LD50	5000.0	mg/kg	-
--------	------	--------	-------	---

Toxicological tests: components

1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one

oral	LD50	5000.0	mg/kg	-
------	------	--------	-------	---

dermal	LD50	5000.0	mg/kg	-
--------	------	--------	-------	---

Toxicological tests: components

Coumarin

oral	LD50	290.0	mg/kg	-
------	------	-------	-------	---

Toxicological tests: components

Linalool

oral	LD50	2790.0	mg/kg	-
------	------	--------	-------	---

Toxicological tests: components

Cinnamaldehyde

oral	LD50	2200.0	mg/kg	-
------	------	--------	-------	---

Toxicological tests: components

Pentyl salicylate

oral	LD50	2000.0	mg/kg	-
------	------	--------	-------	---

Information on other hazards

Endocrine disrupting properties

This substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

Further details

No data available

SECTION 12: Ecological information

Toxicity

Aquatic toxicity

No data available

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Persistenceanddegradability

Evaluationtext	Nodata available
Degreeofelimination	Nodata available
Analyticalmethod	Nodata available

Bioaccumulativepotential

Nodata available

Mobilityinsoil

Nodata available

ResultsofPBTandvPvBassessment

This substance/mixture contains no components considered to be either persistent, bioaccumulating and toxic (PBT) or very persistent and very bioaccumulating (vPvB) at levels of 0.1% or higher.

Endocrinedisruptingproperties

The substance/mixture does not contain any ingredients with endocrine disrupting properties that are listed under REACH Article 57(f) (or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605) at levels of 0.1% or more.

Otheradverseeffects

An environmental hazard cannot be ruled out in the event of improper handling or disposal. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION13:Disposal considerations

Wastetreatmentmethods

Product

Recommendation	Discharge into the environment must be avoided. C15H30O2 Dispose of contents/container in accordance with local/regional/national/international regulation.
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Package

Recommendation	Non-contaminatedpackagesmayberecycled.Handlecontaminatedpackagesinthe Same way as the substance itself.
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SECTION14:Transport information

14.1UNnumber

ADR,IATA,IMDG UN3082

UNpropershippingname

Productdesignation:ADR/RID Environmentally hazardous substance, liquidn.o.s.
Propershippingname:IATA-DGR Environmentally hazardous substance, liquidn.o.s.(Benzylbenzoate,
Octahydro-tetramethyl-naphthalenylethanone)
Propershippingname:IMDG Environmentally hazardous substance, liquidn.o.s.(Benzylbenzoate,
Octahydro-tetramethyl-naphthalenylethanone)

Transporthazardclass(es)

ClassADR/RID 9
Classificationcode M6
ADR/RID
ClassIATA-DGR 9
SubriskIATA-DGR ---
ClassIMDG 9
SubriskIMDG ---

Packinggroup

ADR,IATA,IMDG III

Environmentalhazards

MarinePollutant-IMDG MARINE POLLUTANT
EmS F-A,S-F
Stowageandsegregation Stowage CategoryA

Specialprecautionsforuser

MaritimetransportinbulkaccordingtoIMOinstruments

Additionalinformation

EQ E1
Limitedquantities 5L
SpecialProvisions ADR:274,335,375,601
IMDG: 274, 335, 969
IATA:A97,A158,A197
Tunnelrestriction (-)
Transportcategory 3
Kemmler-number 90

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SECTION15:Regulatory information

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

Germany

Storageclass	10
WaterHazardClass	2
Incidentregulation	E1 Hazardous to the Aquatic Environment in Category Acute1 or Chronic1
Informationonworkinglimitations	---

ChemicalSafetyAssessment

ChemicalSafetyAssessment	---
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SECTION16: Other information

Hazard statements (CLP)

H301 Toxic if swallowed.
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.
H332 Harmful if inhaled.
H335 May cause respiratory irritation. H400
Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
H318 Causes serious eye damage.

Reason of change

Abbreviations

--- no data, not determined or not applicable
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) No. 1907/2006)
OECD Organisation for Economic Co-operation and Development
LD50 Median lethal dose
LC50 Median lethal concentration
EC50 Median effective dose
IC50 Median inhibitory concentration
VCI Verband der chemischen Industrie
CAS Chemical Abstract Service
EINECS European Inventory of Existing Commercial Chemical Substances
ELINCSE European List of Notified Chemical Substances
NLP No Longer Polymers
CLP Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging
EG European Union
WGK water hazard class (according to AwSV, Appendix 1 (5.2))
AGW Occupational Exposure Limit
ADR Accord Européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID Règlement concernant le transport international ferroviaire des marchandises dangereuses (Regulation on the international carriage of dangerous goods by rail)
IATA International Air Transport Association
IMDG International Maritime Dangerous Goods
MARPOL International Convention for the Prevention of Pollution From Ships (MARine POLLution)
EmS Emergency Schedules
PBT persistent, bioaccumulative and toxic
vPvB very persistent and very bioaccumulative

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.