

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

Item number/ Trade name **30170 Blood Orange and Pomelo**
Version/ Issue date: **10 / 05/09/2023**

Print date **12/12/2024**
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Item number/ Trade name fragrance composition
UFI 30170 Blood Orange and Pomelo
Q6V2-71NE-500W-5ASN

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

General use Perfuming agent for finished consumer products

Details of the supplier of the safety data sheet

Company/undertaking identification

Name	Perfumedom
Street/POB-No.: 1	Ag. Panteleimonos 1
City	Thessaloniki 56123
Country	Greece
Telefax #	+30 2311 110366
E-mail	sales@perfumedom.com

Emergency telephone number

Name	(Mo-Fr)
Phone #	+30 2311 110366

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects.
Repr. 1B; H360FD May damage fertility. May damage the unborn child.
Skin Sens. 1; H317 May cause an allergic skin reaction.

Label elements



Signal word

Warning

Nature of Hazard

GHS07 Exclamation mark
GHS08 Health hazard

Hazard statements

H317 May cause an allergic skin reaction.
H360FD May damage fertility. May damage the unborn child.
H412 Harmful to aquatic life with long lasting effects.

Safety precautions

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P321 Specific treatment (see ### on this label).
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container to hazardous waste.
P302+P352 IF ON SKIN: Wash with plenty of water/soap.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P201 Obtain special instructions before use.

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P202 Do not handle until all safety precautions have been read and understood.
P405 Store locked up.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P273 Avoid release to the environment.

Hazard components for labelling

Citral
Ethyl 2,3-epoxy-3-phenylbutyrate
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde
2-Methylundecanal
Eugenol
3-(p-Methoxyphenyl)-2-methylpropionaldehyde
Linalool
(R)-p-Mentha-1,8-diene
p-Cymene

Special provisions concerning the labelling 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.

SECTION 3: Composition/information on ingredients

Substances

Mixtures

Hazardous ingredients

Citral: 0,1 % - 0,99 %
CAS-Number: 5392-40-5
EU index number: 605-019-00-3
EINECS / ELINCS / NLP: 226-394-6
REACH registration No.: 01-2119462829-23
Classification according to EC regulation 1272/2008 (CLP):
Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1; H317

Ethyl 2,3-epoxy-3-phenylbutyrate: 0,1 % - 0,99 %
CAS-Number: 77-83-8
EINECS / ELINCS / NLP: 201-061-8
REACH registration No.: 01-2119967770-28
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 2; H411 /

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde: 0,1 % - 0,99 %
CAS-Number: 68039-49-6
EINECS / ELINCS / NLP: 268-264-1
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 2; H411 / Skin Irrit. 2; H315 /

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Damascone beta: 0,1 % - 0,99 %

CAS-Number: 23726-91-2

23726-92-3

EINECS / ELINCS / NLP: 245-842-1

Classification according to EC regulation 1272/2008 (CLP):

Aquatic Chronic 2; H411 / Skin Irrit. 2; H315 /

2-Methylundecanal: 0,1 % - 0,99 %

CAS-Number: 110-41-8

EINECS / ELINCS / NLP: 203-765-0

REACH registration No.: 01-2119969443-29

Classification according to EC regulation 1272/2008 (CLP):

Aquatic Acute 1; H400 / Aquatic Chronic 1; H410 / Skin Irrit. 2; H315 /

Eugenol: 0,1 % - 0,99 %

CAS-Number: 97-53-0

EINECS / ELINCS / NLP: 202-589-1

REACH registration No.: 01-2119971802-33

Classification according to EC regulation 1272/2008 (CLP):

Eye Irrit. 2; H319 / Skin Sens. 1; H317

3-(p-Methoxyphenyl)-2-methylpropionaldehyde: 0,1 % - 0,99 %

CAS-Number: 5462-06-6

EINECS / ELINCS / NLP: 226-749-5

REACH registration No.: 01-2120629103-67

Classification according to EC regulation 1272/2008 (CLP):

Linalool: 3 % - 9,99 %

CAS-Number: 78-70-6

EU index number: 603-235-00-2

EINECS / ELINCS / NLP: 201-134-4

REACH registration No.: 01-2119474016-42

Classification according to EC regulation 1272/2008 (CLP):

Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1; H317

Isoamyl isovalerate: 1 % - 2,49 %

CAS-Number: 659-70-1

EINECS / ELINCS / NLP: 211-536-1

REACH registration No.: 01-2120105228-66

Classification according to EC regulation 1272/2008 (CLP):

Aquatic Chronic 2; H411

(R)-p-Mentha-1,8-diene: 1 % - 2,49 %

CAS-Number: 5989-27-5

EU index number: 601-096-00-2

EINECS / ELINCS / NLP: 227-813-5

REACH registration No.: 01-2119529223-47

Classification according to EC regulation 1272/2008 (CLP):

Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 3; H412 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 /

Skin Irrit. 2; H315 / Skin Sens. 1; H317

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Benzyl acetate: 1 % - 2,49 %

CAS-Number: 140-11-4

EINECS / ELINCS / NLP: 205-399-7

REACH registration No.: 01-2119638272-42

Classification according to EC regulation 1272/2008 (CLP):

Aquatic Chronic 3; H412

p-Cymene: 0,1 % - 0,99 %

CAS-Number: 99-87-6

EU index number: 601-094-00-1

EINECS / ELINCS / NLP: 202-796-7

Classification according to EC regulation 1272/2008 (CLP):

Acute Tox. 3; H331 / Aquatic Chronic 2; H411 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / Repr. 2; H361

SECTION 4: First aid measures

Description of first aid measures

General information	Remove affected person from the danger area and lay down. Do not leave affected person unattended. Show this safety data sheet to the doctor in attendance.
In case of inhalation	If unconscious but breathing normally, place in recovery position and seek medical advice. Seek medical aid in case of troubles.
In case of skin contact	Thoroughly clean the contaminated area with water.
After eye contact	Remove contact lenses, if any. Immediately flush eyes with plenty of flowing 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 important symptoms and effects, both acute and delayed

Symptoms No data available

Indication of any immediate medical attention and special treatment needed

Information to physician No data 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 water jet

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, waterbodies or drains. Leads 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

Advices 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

Exposure limit values: components

(2-Methoxymethylethoxy)propanol

State	Type	Value	Unit	Text
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ZZE	TWA	50,00	ppm	2000/39/EC
ZZE	TWA	308,00	mg/m ³	2000/39/EC

Exposure limit values: components

Oxydipropanol

State	Type	Value	Unit	Text
DEU	WEL (= German AGW)	100,00	mg/m ³	2(II), Y, 11, DFG (20

Exposure limit values: components

Rapsöl (Brassica napus)

State	Type	Value	Unit	Text
DEU	WEL (= German AGW)	5,00	mg/m ³	4(II), Y, DFG 2022

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.

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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	---	---		
Initial boiling point and boiling range	---	---		
Flammability			---	
Explosion limits	---	---		
Flash point/flash point range	79 °C c.c.	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
	---	---	---	---
Solubility	---		---	---
Partition coefficient: n-octanol/water	---			---
Vapour pressure	---	---	---	---
Density and/or relative density	0,94 g/ml	---	20 °C	---
Relative vapour density	---	---		---
Bulk density	---	---	---	
Flow time 4mm (DIN)	---			
Water solubility	---			

Other information

SECTION 10: Stability and reactivity

Reactivity

No data available

Chemical stability

No data available

Possibility of hazardous reactions

Electrical installations must be suitable for temperature class T2.

Conditions to avoid

No data available

Incompatible materials

No data available

Hazardous decomposition products

No data available

SECTION 11: Toxicological information

Information on toxicological effects

General remarks

No data available

Toxicological tests: components

Citral

oral	LD50	4950.0	mg/kg	-
dermal	LD50	2250.0	mg/kg	-

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Toxicological tests: components

Ethyl 2,3-epoxy-3-phenylbutyrate

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

Toxicological tests: components

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde

oral	LD50	3100.0	mg/kg	-
dermal	LD50	5000.0	mg/kg	-

Toxicological tests: components

Damascone beta

oral	LD50	2920.0	mg/kg	-
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Toxicological tests: components

2-Methylundecanal

oral	LD50	5000.0	mg/kg	-
dermal	LD50	10000.0	mg/kg	-

Toxicological tests: components

Eugenol

oral	LD50	2130.0	mg/kg	-
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Toxicological tests: components

3-(p-Methoxyphenyl)-2-methylpropionaldehyde

dermal	LD50	5000.0	mg/kg	-
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Toxicological tests: components

Linalool

oral	LD50	2790.0	mg/kg	-
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Toxicological tests: components

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

oral	LD50	5600.0	mg/kg	-
dermal	LD50	5000.0	mg/kg	-

Toxicological tests: components

Benzyl acetate

oral	LD50	2490.0	mg/kg	-
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<u>Toxicological tests: components</u>				
<u>p-Cymene</u>				
oral	LD50	4750.0	mg/kg	-
inhalative	LC50	9.7	mg/L/4h	-
dermal	LD50	5000.0	mg/kg	-

<u>Information on other hazards</u>	
Endocrine disrupting properties	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.
Further details	No data available

SECTION 12: Ecological information

<u>Toxicity</u>	
Aquatic toxicity	No data available

<u>Persistence and degradability</u>	
Evaluation text	No data available
Degree of elimination	No data available
Analytical method	No data available

<u>Bioaccumulative potential</u>
No data available

<u>Mobility in soil</u>
No data available

<u>Results of PBT and vPvB assessment</u>
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.

<u>Endocrine disrupting properties</u>
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.

<u>Other adverse effects</u>
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.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Recommendation

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

Package

Recommendation

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

SECTION 14: Transport information

UN number

ADR, IATA, IMDG

not regulated

UN proper shipping name

Product designation: ADR/RID
Proper shipping name: IATA-DGR
Proper shipping name: IMDG

No dangerous good in sense of these transport regulations.

Transport hazard class(es)

Class ADR/RID
Classification code
ADR/RID

Class IATA-DGR
Subrisk IATA-DGR

Class IMDG
Subrisk IMDG

Packing group

ADR, IATA, IMDG

Environmental hazards

Marine Pollutant - IMDG
EmS
Stowage and segregation

Special precautions for user

No dangerous good in sense of these transport regulations.

Maritime transport in bulk according to IMO instruments

Additional information

EQ
Limited quantities
Special Provisions
Tunnel restriction
Transport category
Kemmler-number

No dangerous good in sense of these transport regulations.

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SECTION 15: Regulatory information

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

National regulations

<u>Germany</u>	
Storage class	10
Water Hazard Class	2
Incident regulation	E2 Hazardous to the Aquatic Environment in Category Chronic 2
Information on working limitations	---

Chemical Safety Assessment

Chemical Safety Assessment	---
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SECTION 16: Other information

Hazard statements (CLP)

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
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.
H331 Toxic if inhaled.
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.
H360FD May damage fertility. May damage the unborn child.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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
ELINCS	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