

SAFETY DATA SHEET

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

Item number/ Trade name
Version/ Issue date:

30240 Orange Flower
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Item number/ Trade name
UFI

fragrance composition
30240 Orange Flower
0WQ0-G1SX-Q00U-GSWU

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
City
Country
Phone #
E-mail

Eth. Antistaseos 52
Thessaloniki 56123
Greece
+30 2311 110366
sales@perfumedom.com

Emergency telephone number

Name
Phone #

(Mo-Fr)
+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.
Eye Irrit. 2; H319 Causes serious eye irritation.
Skin Irrit. 2; H315 Causes skin irritation.
Skin Sens. 1; H317 May cause an allergic skin reaction.

Label elements



Signal word
Nature of Hazard

Warning
GHS07 Exclamation mark

Hazard statements
Safety precautions

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.
P264 Wash affected areas thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P321 Specific treatment (see ### on this label).
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.

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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.

Hazard components for labelling

Geranyl acetate
Pin-2(10)-ene
Geraniol
neryl acetate
Linalyl acetate
Linalool
(R)-p-Mentha-1,8-diene
Allyl 3-cyclohexylpropionate

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

Geranyl acetate: 0,1 % - 0,99 %
CAS-Number: 105-87-3
EINECS / ELINCS / NLP: 203-341-5
REACH registration No.: 01-2119973483-29
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 3; H412 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Pin-2(10)-ene: 0,1 % - 0,99 %
CAS-Number: 127-91-3
EINECS / ELINCS / NLP: 204-872-5
REACH registration No.: 01-2119519230-54
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 1; H410 / Asp. Tox. 1; H304 / Flam. Liq. 3; H226 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Geraniol: 0,1 % - 0,99 %
CAS-Number: 106-24-1
EU index number: 603-241-00-5
EINECS / ELINCS / NLP: 203-377-1
REACH registration No.: 01-2119552430-49
Classification according to EC regulation 1272/2008 (CLP):
Eye Dam. 1; H318 / Skin Irrit. 2; H315 / Skin Sens. 1; H317

neryl acetate: 0,1 % - 0,99 %
CAS-Number: 141-12-8
EINECS / ELINCS / NLP: 205-459-2

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REACH registration No.: 01-2120748334-54
Classification according to EC regulation 1272/2008 (CLP):
Skin Sens. 1B; H317

2,6-dimethyloct-7-en-2-ol: 10 % - 24,99 %
CAS-Number: 18479-58-8
EINECS / ELINCS / NLP: 242-362-4
REACH registration No.: 01-2119457274-37
Classification according to EC regulation 1272/2008 (CLP):
Eye Irrit. 2; H319 / Skin Irrit. 2; H315

Linalyl acetate: 10 % - 24,99 %
CAS-Number: 115-95-7
EINECS / ELINCS / NLP: 204-116-4
REACH registration No.: 01-2119454789-19
Classification according to EC regulation 1272/2008 (CLP):
Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1B; H317

Linalool: 10 % - 24,99 %
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. 1B; H317

(R)-p-Mentha-1,8-diene: 3 % - 9,99 %
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. 1B; H317

2'-acetonaphthone: 2,5 % - 2,99 %
CAS-Number: 93-08-3
EINECS / ELINCS / NLP: 202-216-2
REACH registration No.: 01-2119935927-23
Classification according to EC regulation 1272/2008 (CLP):
Aquatic Chronic 2; H411 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315

Allyl 3-cyclohexylpropionate: 1 % - 2,49 %
CAS-Number: 2705-87-5
EINECS / ELINCS / NLP: 220-292-5
REACH registration No.: 01-2119976355-27
Classification according to EC regulation 1272/2008 (CLP):
Acute Tox. 4; H302 / Acute Tox. 4; H312 / Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 2 (M = 1);
H411 / Skin Sens. 1; H317

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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
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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 , C14 H18 O Nr.6+9a , 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.
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Advice for firefighters

Special protective equipment for firefighters	combustible substances
Additional information	Do not allow water used to extinguish fire to enter drains, ground or waterways. (P2)

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SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

environmental precautions

Do not allow to penetrate into soil, waterbodies or drains. May cause lung damage if swallowed.

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. C12 H20 O2

Storage class

10

Specific end use(s)

General use

Perfumes, fragrances, Formulation of fragranced products

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure controls

Respiratory protection

Avoid exceeding WEL threshold levels. Respiratory protection must be worn whenever the WEL levels have been exceeded. 7 mg/L/96 h Provide good ventilation and/or an exhaust system in the work area.

Hand protection

breakthrough time Short-term, accidental skin contact: Breakthrough time10 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

Danger of explosion When handling larger quantities: face protection, rubber boots and rubber apron.

General protection and hygiene measures

(ISO/DIS 14669) Wash contaminated clothing prior to re-use.

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SECTION 9: Physical and chemical properties

information on basic physical and chemical properties

Formliquid

Colouryellowish

Odourcharacteristic

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	80 °C c.c.	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
	---	---	---	---
Solubility	---		---	---
Partition coefficient: n-octanol/water	---			---
Vapour pressure	---	---	---	---
Density and/or relative density	0,896 g/ml	0,908 g/ml	20 °C	---
Relative vapour density	---	---		---
Bulk density	---	---	---	
Flow time 4mm (DIN)	---			
Water solubility	---			

Other information

SECTION 10: Stability and reactivity

ReactivityNo data available

Chemical stabilityNo data available

Possibility of hazardous reactionsStrong oxidizing agents

Conditions to avoidNo data available

Incompatible materialsNo data available

Hazardous decomposition productsNo data available

SECTION 11: Toxicological information

Information on toxicological effects

General remarks

No data available

Toxicological tests: components

Geranyl acetate

oral	LD50	6330.0	mg/kg	-
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Toxicological tests: components

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Geraniol

oral	LD50	3600.0	mg/kg	-
dermal	LD50	5000.0	mg/kg	-

Toxicological tests: components

neryl acetate

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

Toxicological tests: components

2,6-dimethyloct-7-en-2-ol

oral	LD50	3600.0	mg/kg	-
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Toxicological tests: components

Linalyl acetate

oral	LD50	13934.0	mg/kg	-
dermal	LD50	5000.0	mg/kg	-

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

2'-acetonaphthone

oral	LD50	599.0	mg/kg	-
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Toxicological tests: components

Allyl 3-cyclohexylpropionate

oral	LD50	1051.0	mg/kg	-
dermal	LD50	1600.0	mg/kg	-

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Information on other hazards

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

Toxicity

Aquatic toxicity	No data available
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Persistence and degradability

Evaluation text	No data available
Degree of elimination	No data available
Analytical method	No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

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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.

Other adverse effects

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.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Recommendation	Discharge into the environment must be avoided. ETHANOL (ETHYL ALCOHOL) : 443 mg/L/ 72 h
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Package

Recommendation	Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.
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SECTION 14: Transport information

14.1 UN number

ADR, IATA, IMDG

not regulated

14.2 UN proper shipping name

Product designation: ADR/RID

No dangerous good in sense of these transport regulations.

Proper shipping name: IATA-DGR

Proper shipping name: IMDG

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

Europe

Germany

Storage class

Water Hazard Class

Incident regulation

Information on working limitations

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E2 Hazardous to the Aquatic Environment in Category Chronic 2

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.
- 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.
- 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.
- H400 Very toxic to aquatic life.

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

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.