

SAFETY DATA SHEET

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

Item number/ Trade name
Version/ Issue date:

30260 Golden Apple
2 / 05/04/2023

Print date **12/02/2024**
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Item number/ Trade name

fragrance composition
30260 Golden Apple

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
Phone #	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 2; H411 Toxic to aquatic life with long lasting effects.
Eye Irrit. 2; H319 Causes serious eye irritation.
Skin Sens. 1; H317 May cause an allergic skin reaction.

Label elements



Signal word

Warning

Nature of Hazard

GHS07 Exclamation mark
GHS09 Environment

Hazard statements

H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.

Safety precautions

H411 Toxic to aquatic life with long lasting effects.
P264 Wash affected areas thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
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.
P321 Specific treatment (see instructions on this label).
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container to hazardous waste.

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P302+P352 IF ON SKIN: Wash with plenty of water/soap.
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

trans-hex-2-enal
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde
delta-Damascone

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

trans-hex-2-enal: 0,1 % - 0,99 %

CAS-Number: 6728-26-3

EINECS / ELINCS / NLP: 229-778-1

REACH registration No.: 01-2120770494-48

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

Acute Tox. 3; H311 / Acute Tox. 4; H302 / Eye Irrit. 2; H319 / Flam. Liq. 3; H226 / Skin Irrit. 2; H315 /

2-tert-Butylcyclohexyl acetate: 10 % - 24,99 %

CAS-Number: 88-41-5

EINECS / ELINCS / NLP: 201-828-7

REACH registration No.: 01-2119970713-33

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

Aquatic Chronic 2; H411

Diethyl malonate: 10 % - 24,99 %

CAS-Number: 105-53-3

EINECS / ELINCS / NLP: 203-305-9

REACH registration No.: 01-2119886972-18

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

Eye Irrit. 2; H319

1-Hexanol: 3 % - 9,99 %

CAS-Number: 111-27-3

EINECS / ELINCS / NLP: 203-852-3

REACH registration No.: 01-2119487967-12

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

Acute Tox. 4; H302 / Acute Tox. 4; H312 / Eye Irrit. 2; H319 / Flam. Liq. 3; H226

Cyclohexanemethanol, alpha,3,3-trimethyl-, formate: 3 % - 9,99 %

CAS-Number: 25225-08-5

EINECS / ELINCS / NLP: 939-618-9

REACH registration No.: 01-2119979543-25

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

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Aquatic Chronic 2; H411

2,4-Dimethylcyclohex-3-ene-1-carbaldehyde: 3 % - 9,99 %

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 /

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

CAS-Number: 57378-68-4

EINECS / ELINCS / NLP: 260-709-8

REACH registration No.: 01-2119535122-53

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

Acute Tox. 4; H302 / Aquatic Acute 1 (M = 1); H400 / Aquatic Chronic 1 (M = 1); H410 / Skin Irrit. 2;

H315 / Skin Sens. 1A; H317

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 , 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

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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 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	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	colourless up to light yellow
Odour	characteristic fruity
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	70 °C c.c.	---		
Ignition temperature	---	---		
PH	---	---	---	---
Viscosity	---	---	---	---
Solubility	---	---	---	---
Partition coefficient: n-octanol/water	---	---		---
Vapour pressure	ber. 0,593 hPa	---	20 °C	---
Density and/or relative density	0,92433 g/cm³	---	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	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				
trans-hex-2-enal				
oral	LD50	850.0	mg/kg	-
Rat				
dermal	LD50	850.0	May impair fertility.	-
Rabbit				
Toxicological tests: components				
2-tert-Butylcyclohexyl acetate				
oral	LD50	4600.0	mg/kg	-
Rat				
dermal	LD50	5000.0	mg/kg	-
Rabbit				
Toxicological tests: components				
Diethyl malonate				
oral	LD50	6400.0	mg/kg	-
Mouse				
Toxicological tests: components				
1-Hexanol				
oral	LD50	720.0	mg/kg	-
Rat				
Toxicological tests: components				
Cyclohexanemethanol, alpha,3,3-trimethyl-, formate				
oral	LD50	5000.0	mg/kg	-
Rat				
dermal	LD50	5000.0	mg/kg	-
Rabbit				
Toxicological tests: components				
2,4-Dimethylcyclohex-3-ene-1-carbaldehyde				
oral	LD50	3100.0	mg/kg	-
Rat				
dermal	LD50	5000.0	mg/kg	-
Rabbit				

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<u>Toxicological tests: components</u>			
delta-Damascone			
oral	LD50	1400.0	mg/kg
Rat			
<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.	

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

UN3082

UN proper shipping name

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

Proper shipping name: IMDG

Environmentally hazardous substance, liquid n.o.s.
Environmentally hazardous substance, liquid, n.o.s. (2-tertButylcyclohexyl acetate, ,3,3-Trimethylcyclohexanemethanol formate)
Environmentally hazardous substance, liquid, n.o.s. (2-tertButylcyclohexyl acetate, ,3,3-Trimethylcyclohexanemethanol formate)

Transport hazard class(es)

Class ADR/RID
Classification code
ADR/RID

9
M6

Class IATA-DGR
Subrisk IATA-DGR

9

Class IMDG
Subrisk IMDG

9

Packing group

ADR, IATA, IMDG

III

Environmental hazards

Marine Pollutant - IMDG
EmS
Stowage and segregation

MARINE POLLUTANT
F-A, S-F
Stowage Category A

Special precautions for user

Maritime transport in bulk according to IMO instruments

Additional information

EQ
Limited quantities
Special Provisions

E1
5L
ADR: 274, 335, 375, 601
IMDG: 274, 335, 969
IATA: A97, A158, A197

Tunnel restriction
Transport category
Kemmler-number

(-)
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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.
H311 Toxic in contact with skin.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye 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.

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