

MATERIAL SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830, Amending Regulation (EC) No 1907/2006

Aroma oil Mediterranean Flame

DATE OF ISSUE: 19.10.2022

REVISION NO:00

REVISION DATE:

FORM CODE:

1.PRODUCT AND SUPPLIER DESCRIPTION**1.1 Product Identifier:**

Trade Name	: Aroma oil Mediterranean Flame
Article Number	: 5069201024601
1.2 Usage Area	:Not for personal use. Cinemas, conferences, gym, businesses, cafes, restaurant and shopping mall etc. are suitable for use.
Producer Company	: SİNYAL ELEKTRONİK VE KOZMETİK ÜRÜNLER SAN. PAZ. LTD. ŞTİ.
Address	: Birlik Org. San. Bölgesi Tem yan yolu 1 nolu cad. No:4/2 Tuzla/İST.
Phone	: 0216 593 14 20
Fax	:0216 593 14 23
E mail	: info@sinyal.net
Web	: www.sinyal.net

2. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**
Classification according to Regulation (EC) No 1272/2008

GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

Labelling according to Regulation (EC) No 1272/2008**Hazard pictograms**

The product is classified and labelled according to the CLP regulation.



GHS07



GHS09

Signal word**Hazard-determining components of labelling:****Warning**1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone
3,7-Dimethyl-1,6-nonadien-3-ol
isoeugenol
Linalool**Hazard statements**

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P280 Wear protective gloves.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P321 Specific treatment (see on this label).

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards**Results of PBT and vPvB assessment:****PBT:**

Not applicable.

vPvB:

Not applicable.

MATERIAL SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830, Amending Regulation (EC) No 1907/2006

Aroma oil Mediterranean Flame

DATE OF ISSUE: 19.10.2022

REVISION NO:00

REVISION DATE:

FORM CODE:

3. INFORMATION ON PRODUCT INGREDIENTS

Description: Multi component mixture.**Dangerous Components:**

CAS: 34590-94-8 EINECS: 252-104-2	Dipropylene glycol monomethyl ether İşyeri maruz kalma limiti	3,5-7%
CAS: 54464-57-2 EINECS: 259-174-3	1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1B, H317	3,5-7%
CAS: 63500-71-0 ELINCS: 405-040-6	2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol Eye Irrit. 2, H319	1,75-3,5%
CAS: 10339-55-6 EINECS: 233-732-6	3,7-Dimethyl-1,6-nonadien-3-ol Eye Irrit. 2, H319; Skin Sens. 1B, H317	0,7-1,75%
CAS: 78-70-6 EINECS: 201-134-4 AT - numarası: 603-235-00-2	Linalool Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	0,07-0,7%
CAS: 115-95-7 EINECS: 204-116-4	Linalyl acetate Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	0,07-0,7%
CAS: 58567-11-6 EINECS: 261-332-1	Formaldehyde cyclododecyl ethyl acetal Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1B, H317	0,07-0,7%
CAS: 5989-27-5 EINECS: 227-813-5 AT - numarası: 601-029-00-7	(R)-p-menta-1,8-dien Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412	0,07-0,7%
CAS: 106-22-9 EINECS: 203-375-0	dl-Citronellol Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	0,07-0,7%
CAS: 5462-06-6 EINECS: 226-749-5	4-Methoxy-alpha-methylbenzenepropanal Skin Sens. 1B, H317	0,07-0,7%
CAS: 8008-57-9 EINECS: 232-433-8	Orange Oil, Sweet Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	0,07-0,7%
CAS: 6259-76-3 EINECS: 228-408-6	Hexyl salicylate Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317	0,07-0,7%
CAS: 106-24-1 EINECS: 203-377-1	Geraniol Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1B, H317	0,07-0,7%
CAS: 5392-40-5 EINECS: 226-394-6 AT - numarası: 605-019-00-3	Sitral Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	0,07-0,7%
CAS: 128-37-0 EINECS: 204-881-4	Butylated hydroxytoluene Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0,07-0,7%
CAS: 97-54-1 EINECS: 202-590-7 AT - numarası: 604-094-00-X	isoeugenol Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1A, H317; STOT SE 3, H335	≤0,07%

Additional information: For the wording of the listed risk phrases refer to section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures:**After inhalation:** Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.**After skin contact:** Immediately wash with water and soap and rinse thoroughly.**After eye contact:** Rinse opened eye for several minutes under running water.**After swallowing:** If symptoms persist consult doctor.**4.2 Most important symptoms and effects, both acute and delayed:** No further relevant information available.**4.3 Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions. CO₂, foam, dry chemical. Never use a direct water jet on burning material.**5.2 Special hazards arising from the substance or mixture:** No further relevant information available.**5.3 Advice for firefighters:****Protective equipment:** Wear self-contained respiratory protective device. Do not inhale explosion gases or combustion gases.**Additional information:** Cool endangered receptacles with water spray.

MATERIAL SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830, Amending Regulation (EC) No 1907/2006

Aroma oil Mediterranean Flame

DATE OF ISSUE: 19.10.2022

REVISION NO:00

REVISION DATE:

FORM CODE:

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation
Particular danger of slipping on leaked/spilled product.
Keep away from ignition sources.
Wear protective clothing.

6.2 Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

Clean the affected area carefully; suitable cleaners are:

Warm water and cleansing agent

Organic solvent

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..

7. HANDLING AND STORAGE

7.1 Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Store receptacle in a well ventilated area. Protect from humidity and water. Protect from exposure to the light. Store in a cool place.

7.3 Specific end use(s): No further relevant information available.

8. EXPOSURE / PERSONEL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

34590-94-8 Dipropylene glycol monomethyl ether

IOELV Long-term value: 308 mg/m³, 50 ppm

Skin

DNELs .

54464-57-2 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone

Dermal DNEL Acute Local 0.1011 mg/cm² (workers)

Inhalative DNEL Chronic Systemic 1.76 mg/m³ (workers)

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures: Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not eat or drink while working.

Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands: Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not

be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling

Body protection: Protective work clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

General Information

Appearance:

Form:

Clear, Liquid

Colour:

Colorless to very pale yellow

Odour:

Citrus, Musk

Flash point:

95°C

Auto-ignition temperature:

Product is not self igniting.

Explosive properties:

Product does not present an explosion hazard.

MATERIAL SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830, Amending Regulation (EC) No 1907/2006

Aroma oil Mediterranean Flame

DATE OF ISSUE: 19.10.2022

REVISION NO:00

REVISION DATE:

FORM CODE:

Density at 25 °C:0,975 - 1,000 g/cm³**Solubility in / Miscibility with****Water:**

Fully miscible.

Alcohols:

Fully miscible.

9.2 Other information: No further relevant information available.

10. STABILITY AND CAPABILITY OF REACTIVITY

10.1 Reactivity

10.2 Chemical stability: Stable in standard conditions.**Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.**10.3 Possibility of hazardous reactions:** It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.**10.4 Conditions to avoid:** Direct heat sources.**10.5 Incompatible materials:** No further relevant information available.**10.6 Hazardous decomposition products:** Carbon Monoxide and Unidentified organic compounds may be formed during combustion.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:**LD/LC50 values relevant for classification:****54464-57-2 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone**

Oral LD50 5000 mg/kg (rat)

Dermal LD50 5000 mg/kg (rat)

5989-27-5 d-limonene

Oral LD50 4400 mg/kg (rat)

6259-76-3 Hexyl salicylate

Oral LD50 >5000 mg/kg (rat)

Dermal LD50 >5000 mg/kg (rabbit)

. Primary irritant effect:**. Skin corrosion/irritation** Based on available data, the classification criteria are not met.**. Serious eye damage/irritation** Based on available data, the classification criteria are not met.**. Respiratory or skin sensitisation** May cause an allergic skin reaction.**. CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)****. Germ cell mutagenicity** Based on available data, the classification criteria are not met.**. Carcinogenicity** Based on available data, the classification criteria are not met.**. Reproductive toxicity** Based on available data, the classification criteria are not met.**. STOT-single exposure** Based on available data, the classification criteria are not met.**. STOT-repeated exposure** Based on available data, the classification criteria are not met.**. Aspiration hazard** Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION

12.1 Toxicity:

Aquatic toxicity:**54464-57-2 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone**

EC50 48h 1.38 mg/l (daphnia)

EC50 72h 2.6 mg/l (alg)

LC50 96h 1.3 mg/l (fish)

NOEC 42 h >100 mg/l (bacteria)

NOEC 30 d 0.16 mg/l (fish)

NOEC 21 d 0.028 mg/l (daphnia)

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.**Ecotoxicological effects:****Remark:** Toxic for fish**Additional ecological information:****General notes:** Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

12.5 Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects: No further relevant information available

13. INFORMATION REGARDING THE DISPOSAL

13.1 Wastetreatmentmethods:

Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.**Uncleaned packaging:****Recommendation:** Disposal must be made according to official regulations.

MATERIAL SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830, Amending Regulation (EC) No 1907/2006

Aroma oil Mediterranean Flame

DATE OF ISSUE: 19.10.2022

REVISION NO:00

REVISION DATE:

FORM CODE:

14. TRANSPORTATION INFORMATION14.1 UN-Number
ADR, IMDG, IATA

UN3082

14.2 UN proper shipping name
ADR

3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, DIPENTENE)
 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, DIPENTENE), MARINE POLLUTANT
 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, DIPENTENE)

IMDG
IATA14.3 Transport hazard class(es)
ADR, IMDG, IATAClass
Label

9 Miscellaneous dangerous substances and articles.
9

14.4 Packing group
ADR, IMDG, IATA

III

14.5 Environmental hazards
Marine pollutantSpecial marking (ADR)
Special marking (IATA)

Symbol (fish and tree)
Symbol (fish and tree)
Symbol (fish and tree)

14.6 Special precautions for user
Danger code (Kemler)

Warning: Miscellaneous dangerous substances and articles.
90

EMS Number:

F-A,S-F

Stowage Category

A

14.7 Transport in bulk according to Annex II of
MARPOL73/78 and the IBC Code

Not applicable.

Transport/Additional information:

ADR

Limited quantities (LQ)

5L

Excepted quantities (EQ)

Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml
3

Transport category

IMDG

Limited quantities (LQ)

5L

Excepted quantities (EQ)

Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation":

UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHALENYL)ETHANONE, DIPENTENE), 9, III

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislations specific for the substance or mixture: No further relevant information available.

15.2 Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

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.
 H318 Causes serious eye damage.
 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.

Recommended restriction of use:

This material is for industrial use only in household products, cosmetics, fragrances and fragranced products.

MATERIAL SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830, Amending Regulation (EC) No 1907/2006

Aroma oil Mediterranean Flame

DATE OF ISSUE: 19.10.2022

REVISION NO:00

REVISION DATE:

FORM CODE:

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity - oral – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Skin Sens. 1B: Skin sensitisation – Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Department issuing MSDS: Quality control department

Contact: Serkan Mutlu

Certificate No: GBF-1.0782