

# SAFETY DATA SHEET

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

Printing date 17.09.2018

Revision: 17.09.2018

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name:

**SELMAT/ KALOCHEM ACACIA R&D**

Article number:

4326353

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

Not for personal use. Only for industrial use.

Application of the substance / the mixture

This material is for industrial use only in household products, cosmetics, fragrances and fragranced products. Our products are inedible and are not used for food production.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

GOSB Tembelova Alanı 3300 sokak No: 3306  
Gebze, Kocaeli / Turkiye

Further information obtainable from:

kalite@gulcicek.com

1.4 Emergency telephone number:

+90 (262) 677 00 00 pbx Only available during office hours (UTC+2)

## SECTION 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 Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

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

2.2 Label elements

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

Warning

Hazard-determining components of labelling:

Eugenol  
Hydroxy-citronellal  
Linalool  
Methyl 2-nonynoate  
d,l-Isomenthone  
3,7-dimethyl-1,6-octadien-3-yl acetate  
L-menthan-3-one  
[1S-(1alpha,3aβ,4alpha,8aβ)]-decahydro-4,8,8-trimethyl-9-methylene-1,4-methanoazulene

Hazard statements

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P273 Avoid release to the environment.  
P280 Wear protective gloves / 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.  
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.

## SECTION 3: Composition/information on ingredients

Description: Multi component mixture.

Dangerous components:

CAS: 1335-46-2	Methyl ionone (mixture of isomers)	20-25%
EINECS: 215-635-0	Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319	
CAS: 8000-41-7	Terpineol	15-20%
EINECS: 232-268-1	Skin Irrit. 2, H315; Eye Irrit. 2, H319	

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CAS: 97-53-0	Eugenol	(Contd. of page 1)
EINECS: 202-589-1	Eye Irrit. 2, H319; Skin Sens. 1, H317	10-15%
CAS: 107-75-5	Hydroxy-citronellal	5-10%
EINECS: 203-518-7	Eye Irrit. 2, H319; Skin Sens. 1B, H317	
CAS: 93-08-3	2'-acetonaphthone	2.5-5%
EINECS: 202-216-2	Acute Tox. 4, H302	
CAS: 78-70-6	Linalool	2.5-5%
EINECS: 201-134-4	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	
CAS: 119-36-8	methyl salicylate	1-2.5%
EINECS: 204-317-7	Acute Tox. 4, H302	
CAS: 128-37-0	2,6-di-tert-butyl-p-cresol	1-2.5%
EINECS: 204-881-4	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
CAS: 122-03-2	4-isopropylbenzaldehyde	1-2.5%
EINECS: 204-516-9	Acute Tox. 4, H302	
CAS: 111-80-8	Methyl 2-nonynoate	0.1-1%
EINECS: 203-909-2	Acute Tox. 4, H302; Skin Sens. 1, H317	
CAS: 491-07-6	d,l-Isomenthone	0.1-1%
EINECS: 207-727-4	Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 115-95-7	3,7-dimethyl-1,6-octadien-3-yl acetate	0.1-1%
EINECS: 204-116-4	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	
CAS: 14073-97-3	L-menthan-3-one	≤0.1%
EINECS: 237-926-1	Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 475-20-7	[1S-(1alpha,3aβ,4alpha,8aβ)]-decahydro-4,8,8-trimethyl-9-methylene-1,4-methanoazulene	≤0.1%
EINECS: 207-491-2	Asp. Tox. 1, H304; Aquatic Chronic 1, H410; Skin Sens. 1, H317	

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

## SECTION 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. If symptoms persist, consult a doctor.
- 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.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing agents:** CO<sub>2</sub>, 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.

## SECTION 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

### 6.4 Reference to other sections

Organic solvent  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

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- . 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: Keep container tightly sealed.  
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.

## SECTION 8: Exposure controls/personal 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: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. The lists valid during the making were used as basis.
- . **8.2 Exposure controls**
- . Personal protective equipment:
- . General protective and hygienic measures: Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.  
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:
  -  Tightly sealed goggles
- . Body protection: Protective work clothing

## SECTION 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: Woody, Floral
- . Flash point: 82°C
- . Auto-ignition temperature: Product is not selfigniting.
- . Explosive properties: Product does not present an explosion hazard.
- . Density at 25°C: 0.991 - 1.001 g/cm<sup>3</sup>
- . Refractive Index at 25° C: 1.4990 - 1.5060
- . Solubility in / Miscibility with water: Not miscible or difficult to mix.
- . alcohols: Fully miscible.
- . **9.2 Other information**: No further relevant information available.

## SECTION 10: Stability and reactivity

- . **10.1 Reactivity**: No further relevant information available.
- . **10.2 Chemical stability**: Stable in standard conditions.
- . Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.

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- . **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.

## SECTION 11: Toxicological information

- . **11.1 Information on toxicological effects**
- . **Acute toxicity** Based on available data, the classification criteria are not met.
- . **LD/LC50 values relevant for classification:**
- . **1335-46-2 Methyl ionone (mixture of isomers)**
- Oral LD50 >5000 mg/kg (rat)
- Dermal LD50 >5000 mg/kg (rabbit)
- . **128-37-0 2,6-di-tert-butyl-p-cresol**
- Oral LD50 2930-6000 mg/kg (rat)
- Dermal LD50 2000 mg/kg (rat)
- . **Primary irritant effect:**
- . **Skin corrosion/irritation** Causes skin irritation.
- . **Serious eye damage/irritation** Causes serious eye irritation.
- . **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.

## SECTION 12: Ecological information

- . **12.1 Toxicity**
- . **Aquatic toxicity:**
- . **1335-46-2 Methyl ionone (mixture of isomers)**
- LC50 96h 10.9 mg/l (fish) (OECD 203)
- . **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.

## SECTION 13: Disposal considerations

- . **13.1 Waste treatment methods**
- . **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.

## SECTION 14: Transport information

- . **14.1 UN-Number**
- . **ADR, IMDG, IATA** UN3082
- . **14.2 UN proper shipping name**
- . **ADR** 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Methyl ionone (mixture of isomers), methyl salicylate)
- . **IMDG** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Methyl ionone (mixture of isomers), methyl salicylate), MARINE POLLUTANT
- . **IATA** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Methyl ionone (mixture of isomers), methyl salicylate)

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**14.3 Transport hazard class(es)**

ADR, IMDG, IATA



**Class** 9 Miscellaneous dangerous substances and articles.  
**Label** 9

**14.4 Packing group**

ADR, IMDG, IATA

**14.5 Environmental hazards:**

**Marine pollutant:**

**Special marking (ADR):**

**Special marking (IATA):**

**14.6 Special precautions for user**

**Danger code (Kemler):**

**EMS Number:**

**Stowage Category**

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.

**Transport/Additional information:**

**ADR**

**Limited quantities (LQ)**

**Excepted quantities (EQ)**

5L  
Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml

**Transport category**

3

**IMDG**

**Limited quantities (LQ)**

**Excepted quantities (EQ)**

5L  
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. (METHYL IONONE (MIXTURE OF ISOMERS), METHYL SALICYLATE), 9, III

## SECTION 15: Regulatory information

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

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I**

None of the ingredients is listed.

**Seveso category**

E2 Hazardous to the Aquatic Environment

**Qualifying quantity (tonnes) for the application of lower-tier requirements**

200 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements**

500 t

**REGULATION (EC) No 1907/2006 ANNEX XVII**

Conditions of restriction: 3

**15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

## SECTION 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**

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.  
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.

**Recommended restriction of use**

This material is for industrial use only in household products, cosmetics, fragrances and fragranced products. Our products are Inedible and are not used for food production.

**Customs tariffs:**

3302.90.90.00.00

**Contact:**

N. Alan  
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**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)  
LC50: Lethal concentration, 50 percent

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LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Skin Sens. 1: Skin sensitisation – Category 1  
Skin Sens. 1B: Skin sensitisation – Category 1B  
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

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