

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Printing date 16.06.2017

Revision: 16.06.2017

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

### 1.1 Product identifier

Trade name:

**SELMAT/ KALOCEM WATERMELON**

Article number:

4269566

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.

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



GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



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.

### 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.



GHS02

GHS07

GHS09

Signal word

Warning

Hazard-determining components of labelling:

(R)-p-mentha-1,8-diene  
2-Methyl-3-(p-isopropylphenyl)propionaldehyde  
Orange oil, sweet  
Ethyl methylphenylglycidate  
alpha-methyl-1,3-benzodioxole-5-propionaldehyde  
Methyl 2-nonynoate  
p-t-Butyl-alpha-methylhydrocinnamic aldehyde  
alpha-Hexylcinnamaldehyde  
2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde

Hazard statements

H226 Flammable liquid and vapour.  
H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P241 Use explosion-proof [electrical/ventilating/lighting] equipment.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
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.

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## Dangerous components:

CAS: 5989-27-5	(R)-p-mentha-1,8-diene	2.5-5%
EINECS: 227-813-5	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1, H317	
Index number: 601-029-00-7		
CAS: 105-54-4	Butyric ether	1-2.5%
EINECS: 203-306-4	Flam. Liq. 3, H226	
CAS: 103-95-7	2-Methyl-3-(p-isopropylphenyl)propionaldehyde	1-2.5%
EINECS: 203-161-7	Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 8008-57-9	Orange oil, sweet	0.1-1%
EINECS: 232-433-8	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 77-83-8	Ethyl methylphenylglycidate	0.1-1%
EINECS: 201-061-8	Aquatic Chronic 2, H411; Skin Sens. 1, H317	
CAS: 1222-05-5	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	0.1-1%
EINECS: 214-946-9	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
Index number: 603-212-00-7		
CAS: 1205-17-0	alpha-methyl-1,3-benzodioxole-5-propionaldehyde	0.1-1%
EINECS: 214-881-6	Aquatic Chronic 2, H411; Skin Sens. 1, H317	
CAS: 111-80-8	Methyl 2-nonynoate	0.1-1%
EINECS: 203-909-2	Acute Tox. 4, H302; Skin Sens. 1, H317	
CAS: 80-54-6	p-t-Butyl-alpha-methylhydrocinnamic aldehyde	0.1-1%
EINECS: 201-289-8	Repr. 2, H361f; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 101-86-0	alpha-Hexylcinnamaldehyde	0.1-1%
EINECS: 202-983-3	Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Skin Sens. 1B, H317	
CAS: 68039-49-6	2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	0.1-1%
EINECS: 268-264-1	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 3, H412	
CAS: 128-37-0	2,6-di-tert-butyl-p-cresol	≤0.1%
EINECS: 204-881-4	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	

## 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.

#### 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  
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.

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## SECTION 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.

## 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.
- . **DNELs**

### 101-86-0 alpha-Hexylcinnamaldehyde

Dermal	DNEL Chronic Local	0.525 mg/cm <sup>2</sup> (workers)
	DNEL Chronic Systemic	18.2 mg/kg-bw/day (workers)
	DNEL Acute Local	0.525 mg/cm <sup>2</sup> (workers)
Inhalative	DNEL Acute Local	6.28 mg/m <sup>3</sup> (workers)
	DNEL Chronic Systemic	0.078 mg/m <sup>3</sup> (workers)

### PNECs

### 101-86-0 alpha-Hexylcinnamaldehyde

PNEC aqua fw	0.03 mg/l
PNEC aqua m	0.003 mg/l
PNEC STP	10 mg/l
PNEC sediment fw	4.7 mg/kg dwt
PNEC sediment m	4.77 mg/kg dwt
PNEC soil	9.51 mg/kg dwt
PNEC sec. poisoning	6.6 mg/kg

- . **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

### Material of 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.

### Penetration time of glove material

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.

### Eye protection:

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

### Body protection:

Goggles recommended during refilling  
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:** Very pale yellow
- . **Odour:** Watermelon

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Flash point:	60 °C
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Not determined.
Density at 25 °C:	0.993 - 1.003 g/cm <sup>3</sup>
Refractive Index at 25 °C:	1.4380 - 1.4450
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.
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:	
5989-27-5 (R)-p-mentha-1,8-diene	
Oral LD50	4400 mg/kg (rat)
1222-05-5 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	
Oral LD50	>4640 mg/kg (rat)
Dermal LD50	>6500 mg/kg (rat)
101-86-0 alpha-Hexylcinnamaldehyde	
Oral LD50	3100 mg/kg (rat)
Dermal LD50	>3000 mg/kg (rabbit)
Inhalative LC50/4 h >5 mg/l (rat)	
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.

## SECTION 12: Ecological information

12.1 Toxicity	
Aquatic toxicity:	
1222-05-5 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	
EC50 48h	0.9 mg/l (daphnia)
ErC50 72h	>0.854 mg/l (alg)
EbC50 72h	>0.723 mg/l (alg)
LC50 21d	0.452 mg/l (fish)
NOEC 21 d	0.111 mg/l (daphnia)
101-86-0 alpha-Hexylcinnamaldehyde	
LC50 96h	1.7 mg/l (fish)
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.

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. 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: UN1993  
. ADR, IMDG, IATA  
. 14.2 UN proper shipping name: 1993 FLAMMABLE LIQUID, N.O.S. (DIPENTENE, ETHYL BUTYRATE), ENVIRONMENTALLY HAZARDOUS  
. ADR: FLAMMABLE LIQUID, N.O.S. (DIPENTENE, ETHYL BUTYRATE), MARINE POLLUTANT  
. IMDG: FLAMMABLE LIQUID, N.O.S. (DIPENTENE, ETHYL BUTYRATE)  
. IATA: FLAMMABLE LIQUID, N.O.S. (DIPENTENE, ETHYL BUTYRATE)  
. 14.3 Transport hazard class(es)  
. ADR, IMDG



. Class: 3 Flammable liquids.  
. Label: 3

. IATA



. Class: 3 Flammable liquids.  
. Label: 3

. 14.4 Packing group

. ADR, IMDG, IATA

. 14.5 Environmental hazards: III  
. Marine pollutant: Product contains environmentally hazardous substances: (R)-p-mentha-1,8-diene  
. Special marking (ADR): Symbol (fish and tree)  
. 14.6 Special precautions for user: Symbol (fish and tree)  
. Danger code (Kemler): Warning: Flammable liquids.

. EMS Number: 30

. Stowage Category: F-E, S-E

. 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: A

. Transport/Additional information: Not applicable.

. 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  
3  
D/E

. Transport category

. Tunnel restriction code

. 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 1993 FLAMMABLE LIQUID, N.O.S. (DIPENTENE, ETHYL BUTYRATE), 3, III, ENVIRONMENTALLY HAZARDOUS

. UN "Model Regulation":

## 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

. Seveso category

None of the ingredients is listed.  
E2 Hazardous to the Aquatic Environment  
P5c FLAMMABLE LIQUIDS

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

200 t

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

500 t

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. REGULATION (EC) No 1907/2006 ANNEX XVII

. 15.2 Chemical safety assessment:

Conditions of restriction: 3

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

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.  
H361f Suspected of damaging fertility.  
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.

### . Customs tariffs:

3302.90.90.00.00

### . Contact:

N. Alan  
kalite@gulcicek.com

### . 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)  
PNEC: Predicted No-Effect Concentration (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 – 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  
Repr. 2: Reproductive toxicity – Category 2  
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

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