

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Printing date 24.02.2017

Revision: 24.02.2017

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

1.1 Product identifier

Trade name:

SELMAT/ KALOCEM HONEYSUCKLE

Article number:

4263235

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



GHS08 health hazard

Carc. 2 H351 Suspected of causing cancer.

Repr. 2 H361f Suspected of damaging fertility.



GHS09 environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

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



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

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

GHS08

GHS09

Signal word

Warning

Hazard-determining components of labelling:

2-phenylethanol
alpha-Hexylcinnamaldehyde
p-t-Butyl-alpha-methylhydrocinnamic aldehyde
musk ketone

Hazard statements

H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer.
H361f Suspected of damaging fertility.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
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.
P321 Specific treatment (see on this label).
P405 Store locked up.
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.

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Trade name: **SELMAT/ KALOCHEM HONEYSUCKLE**

(Contd. of page 1)

SECTION 3: Composition/information on ingredients

Description: Multi component mixture.

Dangerous components:

CAS: 101-86-0	alpha-Hexylcinnamaldehyde	20-25%
EINECS: 202-983-3	Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Skin Sens. 1B, H317	
CAS: 60-12-8	2-phenylethanol	10-15%
EINECS: 200-456-2	Acute Tox. 4, H302; Eye Irrit. 2, H319	
CAS: 80-54-6	p-t-Butyl-alpha-methylhydrocinnamic aldehyde	5-10%
EINECS: 201-289-8	Repr. 2, H361f; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 8000-41-7	Terpineol	5-10%
EINECS: 232-268-1	Skin Irrit. 2, H315; Eye Irrit. 2, H319	
CAS: 107-75-5	Hydroxy-citronellal	5-10%
EINECS: 203-518-7	Eye Irrit. 2, H319; Skin Sens. 1, H317	
CAS: 78-70-6	Linalool	5-10%
EINECS: 201-134-4	Skin Irrit. 2, H315; Eye Irrit. 2, H319	
CAS: 87-20-7	Isoamyl salicylate	2,5-5%
EINECS: 201-730-4	Aquatic Chronic 2, H411	
CAS: 118-58-1	Benzyl Salicylate	2,5-5%
EINECS: 204-262-9	Skin Sens. 1, H317; Aquatic Chronic 3, H412	
CAS: 115-95-7	3,7-dimethyl-1,6-octadien-3-yl acetate	1-2,5%
EINECS: 204-116-4	Skin Irrit. 2, H315; Eye Irrit. 2, H319	
CAS: 106-24-1	Geraniol	1-2,5%
EINECS: 203-377-1	Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 122-78-1	phenylacetaldehyde	1-2,5%
EINECS: 204-574-5	Acute Tox. 4, H302; Skin Sens. 1, H317	
CAS: 81-14-1	musk ketone	1-2,5%
EINECS: 201-328-9	Carc. 2, H351; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
Index number: 609-069-00-7		
CAS: 1222-05-5	1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	1-2,5%
EINECS: 214-946-9	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
Index number: 603-212-00-7		
CAS: 104-54-1	Cinnamyl alcohol	1-2,5%
EINECS: 203-212-3	Acute Tox. 4, H302; Skin Sens. 1, H317	
CAS: 105-87-3	Geranyl acetate	0,1-1%
EINECS: 203-341-5	Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412	
CAS: 97-54-1	Isoeugenol	0,1-1%
EINECS: 202-590-7	Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	
CAS: 103-95-7	2-Methyl-3-(p-isopropylphenyl)propionaldehyde	0,1-1%
EINECS: 203-161-7	Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	
CAS: 128-37-0	2,6-di-tert-butyl-p-cresol	0,1-1%
EINECS: 204-881-4	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	

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

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

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:

Call for a doctor immediately.

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:

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.
Cool endangered receptacles with water spray.

Additional information

(Contd. on page 3)

EU

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Printing date 24.02.2017

Revision: 24.02.2017

Trade name: **SELMAT/ KALOCHEM HONEYSUCKLE**

(Contd. of page 2)

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).
Dispose contaminated material as waste according to item 13.
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.

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:**
Protect from heat.
- . **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.
Protect from heat and direct sunlight.
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/cm² (workers)
DNEL Chronic Systemic 18,2 mg/kg-bw/day (workers)
DNEL Acute Local 0,525 mg/cm² (workers)
Inhalative DNEL Acute Local 6,28 mg/m³ (workers)
DNEL Chronic Systemic 0,078 mg/m³ (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:**
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.

(Contd. on page 4)
EU

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Printing date 24.02.2017

Revision: 24.02.2017

Trade name: **SELMAT/ KALOCEM HONEYSUCKLE**

(Contd. of page 3)

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.

Material of gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. 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: Pale Yellow
Odour: Fresh, Floral

Flash point: > 100 °C

Self-igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

Density at 25 °C: 0,978-0,988 g/cm³

Refractive Index at 25 °C: 1.5080-1.5150

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 Harmful if swallowed.

LD/LC50 values relevant for classification:

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)

60-12-8 2-phenylethanol

Oral LD50 1790 mg/kg (rat)
Dermal LD50 790 mg/kg (rabbit)

118-58-1 Benzyl Salicylate

Oral LD50 2227 mg/kg (rat)
Dermal LD50 14150 mg/kg (rabbit)

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)

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.

(Contd. on page 5)

EU

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Printing date 24.02.2017

Revision: 24.02.2017

Trade name: **SELMAT/ KALOCEM HONEYSUCKLE**

(Contd. of page 4)

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| <ul style="list-style-type: none"> . Carcinogenicity . Reproductive toxicity . STOT-single exposure . STOT-repeated exposure . Aspiration hazard | <p>Suspected of causing cancer.</p> <p>Suspected of damaging fertility.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> |
|---|--|

SECTION 12: Ecological information

- | | |
|--|---|
| <ul style="list-style-type: none"> . 12.1 Toxicity . Aquatic toxicity: . 101-86-0 alpha-Hexylcinnamaldehyde LC50 96h. 1,7 mg/l (fish) . 118-58-1 Benzyl Salicylate EC50 1,70 mg/kg (daphnia) . 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) . 12.2 Persistence and degradability . 12.3 Bioaccumulative potential . 12.4 Mobility in soil . Ecotoxicological effects: . Remark: . Additional ecological information: . General notes: . 12.5 Results of PBT and vPvB assessment . PBT: . vPvB: . 12.6 Other adverse effects | <p>No further relevant information available.</p> <p>No further relevant information available.</p> <p>No further relevant information available.</p> <p>Very toxic for fish</p> <p>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.
Very toxic for aquatic organisms</p> <p>Not applicable.</p> <p>Not applicable.</p> <p>No further relevant information available.</p> |
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SECTION 13: Disposal considerations

- | | |
|---|---|
| <ul style="list-style-type: none"> . 13.1 Waste treatment methods . Recommendation . Uncleaned packaging: . Recommendation: | <p>Must not be disposed together with household garbage. Do not allow product to reach sewage system.</p> <p>Disposal must be made according to official regulations.</p> |
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SECTION 14: Transport information

- | | |
|---|---|
| <ul style="list-style-type: none"> . 14.1 UN-Number . ADR, IMDG, IATA . 14.2 UN proper shipping name . ADR . IMDG . IATA . 14.3 Transport hazard class(es) . ADR, IMDG, IATA . Class . Label . 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 | <p>UN3082</p> <p>3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha-Hexylcinnamaldehyde, p-t-Butyl-alpha-methylhydrocinnamic aldehyde)</p> <p>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha-Hexylcinnamaldehyde, p-t-Butyl-alpha-methylhydrocinnamic aldehyde), MARINE POLLUTANT</p> <p>Environmentally hazardous substance, liquid, n.o.s. (alpha-Hexylcinnamaldehyde, p-t-Butyl-alpha-methylhydrocinnamic aldehyde)</p> <p>9 Miscellaneous dangerous substances and articles.</p> <p>9</p> <p>III</p> <p>Product contains environmentally hazardous substances: alpha-Hexylcinnamaldehyde
Symbol (fish and tree)
Symbol (fish and tree)
Symbol (fish and tree)</p> <p>Warning: Miscellaneous dangerous substances and articles.</p> <p>90</p> <p>F-A,S-F</p> <p>A</p> |
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(Contd. on page 6)

SAFETY DATA SHEET

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(Contd. of page 5)

. 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
3
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 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALPHA-
HEXYLCINNAMALDEHYDE, P-T-BUTYL-ALPHA-METHYLHYDROCINNAMIC ALDEHYDE), 9, III

. 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

None of the ingredients is listed.

. Seveso category

E1 Hazardous to the Aquatic Environment

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

100 t

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

200 t

. 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.
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.
H351 Suspected of causing cancer.
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. Dikenoğlu
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
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B
Carc. 2: Carcinogenicity, Hazard Category 2
Repr. 2: Reproductive toxicity, Hazard Category 2
Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3