

SAFETY DATA SHEET

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

Printing date 30.04.2020

Revision: 30.04.2020

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

1.1 Product identifier

Trade name:

SELMAT/ KALOCHEM GARDENIA

Article number:

4269564

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

Application of the substance / the mixture

Not for personal use. Only for industrial 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.

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

Repr. 2 H361 Suspected of damaging fertility or the unborn child.



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.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

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

Signal word

Warning

Hazard-determining components of labelling:

2(phenylmethylidene)octanal
p-t-Butyl-alpha-methylhydrocinnamic aldehyde
1,6-Octadien-3-ol, 3,7-dimethyl-
Geraniol

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H361 Suspected of damaging fertility or the unborn child.
H412 Harmful 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.

SECTION 3: Composition/information on ingredients

Description:

Multi component mixture.

Dangerous components:

CAS: 140-11-4	benzyl acetate	30-40%
EINECS: 205-399-7	Aquatic Chronic 3, H412	
CAS: 122-00-9	4'-methylacetophenone	5-10%
EINECS: 204-514-8	Acute Tox. 4, H302; Skin Irrit. 2, H315	

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CAS: 101-86-0	2(phenylmethylidene)octanal	(Contd. of page 1)
EINECS: 202-983-3	Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Skin Sens. 1B, H317	5-10%
CAS: 78-70-6	1,6-Octadien-3-ol, 3,7-dimethyl-	5-10%
EINECS: 201-134-4	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	
CAS: 134-20-3	methyl anthranilate	5-10%
EINECS: 205-132-4	Eye Irrit. 2, H319	
CAS: 80-54-6	p-t-Butyl-alpha-methylhydrocinnamic aldehyde	2.5-5%
EINECS: 201-289-8	Repr. 2, H361; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	
CAS: 106-24-1	Geraniol	2.5-5%
EINECS: 203-377-1	Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 119-36-8	methyl salicylate	1-2.5%
EINECS: 204-317-7	Repr. 2, H361; Acute Tox. 4, H302	
CAS: 60-12-8	Phenethyl alcohol	1-2.5%
EINECS: 200-456-2	Acute Tox. 4, H302; Eye Irrit. 2, H319	
CAS: 87-20-7	Isoamyl salicylate	1-2.5%
EINECS: 201-730-4	Aquatic Chronic 2, H411; Acute Tox. 4, H302	
CAS: 93-58-3	Niobe oil	1-2.5%
EINECS: 202-259-7	Acute Tox. 4, H302	
CAS: 1335-46-2	Methyl ionone (mixture of isomers)	1-2.5%
EINECS: 215-635-0	Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 8000-41-7	Terpinolene Extra	1-2.5%
EINECS: 232-268-1	Skin Irrit. 2, H315; Eye Irrit. 2, H319	
CAS: 106-25-2	nerol	1-2.5%
EINECS: 203-378-7	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	
CAS: 91-64-5	Coumarin	1-2.5%
EINECS: 202-086-7	Acute Tox. 4, H302; Skin Sens. 1B, H317	
CAS: 107-75-5	Hydroxy-citronellal	0.1-1%
EINECS: 203-518-7	Eye Irrit. 2, H319; Skin Sens. 1B, H317	
CAS: 97-53-0	Eugenol	0.1-1%
EINECS: 202-589-1	Eye Irrit. 2, H319; Skin Sens. 1B, H317	
CAS: 5989-27-5	D-limonene natural	0.1-1%
EINECS: 227-813-5	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1, H317	
Index number: 601-029-00-7		
CAS: 105-87-3	trans-3,7-Dimethyl-2,6-octadien-1-ol acetate	0.1-1%
EINECS: 203-341-5	Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412	
CAS: 104-93-8	4-methylanisole	0.1-1%
EINECS: 203-253-7	Repr. 2, H361; Acute Tox. 4, H302; Skin Irrit. 2, H315	
CAS: 103-95-7	3-p-Cumenyl-2-methylpropionaldehyde	0.1-1%
EINECS: 203-161-7	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	
CAS: 8008-57-9	Orange peel, sweet oil	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: 104-54-1	Cinnamyl alcohol	0.1-1%
EINECS: 203-212-3	Skin Sens. 1, H317	
CAS: 128-37-0	Butylated hydroxytoluene	0.1-1%
EINECS: 204-881-4	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
CAS: 120-57-0	Protocatechuic aldehyde methylene ether	0.1-1%
EINECS: 204-409-7	Skin Sens. 1, H317	
CAS: 141-12-8	Neryl acetate	0.1-1%
EINECS: 205-459-2	Skin Sens. 1B, H317	
CAS: 112-54-9	dodecanal	0.1-1%
EINECS: 203-983-6	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	
CAS: 122-40-7	Amyl cinnamal	0.1-1%
EINECS: 204-541-5	Aquatic Chronic 2, H411; Skin Sens. 1, H317	
CAS: 89958-10-1	Guaiacwood oil	0.1-1%
EINECS: 289-632-8	Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1B, 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.

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SECTION 5: Firefighting measures

- . **5.1 Extinguishing media**
- . **Suitable extinguishing agents:** CO₂, foam, dry chemical.
Never use a direct water jet on burning material.
- . **5.2 Special hazards arising from the substance or mixture**
- . **5.3 Advice for firefighters**
- . **Protective equipment:** No further relevant information available.
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.

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:** 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.
- . **DNELs**

101-86-0 2(phenylmethylidene)octanal

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 2(phenylmethylidene)octanal

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

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<p>. Additional information:</p> <p>. 8.2 Exposure controls</p> <p>. Personal protective equipment:</p> <p>. General protective and hygienic measures:</p> <p>. Respiratory protection:</p> <p>. Protection of hands:</p> <p>. Material of gloves</p> <p>. Penetration time of glove material</p> <p>. Eye protection:</p> <p>. Body protection:</p>	<p>The lists valid during the making were used as basis.</p> <p>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. 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.</p>  Protective gloves <p>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 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. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</p>  Tightly sealed goggles <p>Protective work clothing</p>
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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:	92°C
. Auto-ignition temperature:	Product is not selfigniting.
. Explosive properties:	Product does not present an explosion hazard.
. Density at 25°C:	1.001 - 1.011 g/cm ³
. Refractive Index at 25° C:	1.5020 - 1.5090
. 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:	
101-86-0 2(phenylmethylidene)octanal	
Oral LD50	3100 mg/kg (rat)
Dermal LD50	>3000 mg/kg (rabbit)
Inhalative LC50/4 h	>5 mg/l (rat)
80-54-6 p-t-Butyl-alpha-methylhydrocinnamic aldehyde	
Oral LD50	1390 mg/kg (rat)
Dermal LD50	>2000 mg/kg (rat)

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87-20-7 Isoamyl salicylate

Oral LD50 1406 mg/kg

1335-46-2 Methyl ionone (mixture of isomers)

Oral LD50 >5000 mg/kg (rat)

Dermal LD50 2900 mg/kg
>5000 mg/kg (rabbit)

5989-27-5 D-limonene natural

Oral LD50 4400 mg/kg (rat)

128-37-0 Butylated hydroxytoluene

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

Suspected of damaging fertility or the unborn child.

• 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:

101-86-0 2(phenylmethylidene)octanal

LC50 96h 1.7 mg/l (fish)

80-54-6 p-t-Butyl-alpha-methylhydrocinnamic aldehyde

EC50 48h 10.7 mg/l (daphnia)

LC50 96h 2.04 mg/l (fish)

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, ADN, IMDG, IATA

Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Void

14.4 Packing group

ADR, IMDG, IATA

Void

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user

Not applicable.

Stowage Category

A

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

Not applicable.

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. UN "Model Regulation":

Void

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
. REGULATION (EC) No 1907/2006 ANNEX XVII

None of the ingredients is listed.

Conditions of restriction: 3, 40

. 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

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.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H361 Suspected of damaging fertility or the unborn child.
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.
Our products are Inedible and are not used for food production.

. Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

. 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 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. 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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