

SAFETY DATA SHEET

Printing date 30.07.2021 Revision: 30.07.2021

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

. 1.1 Product identifier

. Trade name:

Article number

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

Application of the substance / the mixture

1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier:

. Further information obtainable from:

. 1.4 Emergency telephone number:

SELMAT/ KALOCHEM MAROCCAN ROSE

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.

G.O.S.B. Gebze OSB Mah. 3300 Cad. No:3306/1 PK.41400

Gebze - Kocaeli / TÜRKİYE

kalite@gulcicek.com +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 Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very 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

Warning

. Signal word . Hazard-determining components of labelling:

Geraniol

nerol

2-Methyl-3-(p-isopropylphenyl)propionaldehyde

alpha-Hexylcinnamaldehyde H315 Causes skin irritation. H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction. H410 Very toxic to aquatic life with long lasting effects.

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.

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

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

2.3 Other hazards

. Hazard statements

. Precautionary statements

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: 1222-05-5 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran

EINECS: 214-946-9 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Index number: 603-212-00-7

CAS: 8000-41-7

2.5-5% EINECS: 232-268-1

Skin Irrit. 2, H315; Eye Irrit. 2, H319 (Contd. on page 2)

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40-50%



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040, 05005 44 0	Ordenword vil	(Contd. of page 1)
CAS: 85085-41-2 EINECS: 285-370-3	Cedarwood oil Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	2.5-5%
CAS: 14901-07-6	beta-lonone	2.5-5%
EINECS: 238-969-9	Aquatic Chronic 2, H411	
CAS: 106-24-1	Geraniol	1-2.5%
EINECS: 203-377-1	Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 106-25-2 EINECS: 203-378-7	nerol	1-2.5%
CAS: 55066-48-3	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317 3-Methyl-5-phenylpentanol	1-2.5%
EINECS: 259-461-3	Acute Tox. 4, H302	1-2.5/6
CAS: 103-95-7	2-Methyl-3-(p-isopropylphenyl)propionaldehyde	1-2.5%
EINECS: 203-161-7	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	
CAS: 60-12-8	Phenethyl alcohol	1-2.5%
EINECS: 200-456-2	Acute Tox. 4, H302; Eye Irrit. 2, H319	4.0.504
CAS: 101-86-0 EINECS: 202-983-3	alpha-Hexylcinnamaldehyde	1-2.5%
CAS: 5392-40-5	Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Skin Sens. 1B, H317 Citral	1-2.5%
EINECS: 226-394-6	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	1-2.5/6
Index number: 605-019-00-3		
CAS: 78-70-6	Linalool	0.1-1%
EINECS: 201-134-4 Index number: 603-235-00	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317 2	
CAS: 68039-49-6	2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	0.1-1%
EINECS: 268-264-1	Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	
CAS: 106-02-5 EINECS: 203-354-6	omega-Pentadecalactone	0.1-1%
CAS: 32210-23-4	Aquatic Chronic 2, H411; Skin Sens. 1B, H317 4-tert-butylcyclohexyl acetate	0.1-1%
EINECS: 250-954-9	Skin Sens. 1, H317	0.1-1/6
CAS: 1205-17-0	alpha-methyl-1,3-benzodioxole-5-propionaldehyde	0.1-1%
EINECS: 214-881-6	Repr. 2, H361; Aquatic Chronic 2, H411; Skin Sens. 1, H317	
CAS: 3407-42-9	3-(5,5,6-Trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol	0.1-1%
EINECS: 222-294-1	Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Eye Irrit. 2, H319	
CAS: 107898-54-4 ELINCS: 411-580-3	santol pentenol	0.1-1%
ELINCS: 411-580-3 Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315 Index number: 603-150-00-0		
CAS: 128-37-0	Butylated hydroxytoluene	0.1-1%
EINECS: 204-881-4	Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
CAS: 5989-27-5	d-limonene	0.1-1%
EINECS: 227-813-5 Index number: 601-029-00	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412-7	
. 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.

Immediately wash with water and soap and rinse thoroughly. . After skin contact: 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 No further relevant information available and special treatment needed

SECTION 5: Firefighting measures

5.1 Extinguishing media

Use fire extinguishing methods suitable to surrounding conditions. ${\rm CO2}$, foam, dry chemical. . Suitable extinguishing agents:

Never use a direct water jet on burning material.

No further relevant information available.

. 5.2 Special hazards arising from the substance or

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and

emergency procedures Ensure adequate ventilation

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Particular danger of slipping on leaked/spilled product.

Keep away from ignition sources.

Wear protective clothing

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and

cleaning up:

6.2 Environmental precautions:

. 6.4 Reference to other sections

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 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

. Further information about storage conditions:

Not required. 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

DNEL Chronic Local 0.525 mg/cm2 (workers) Dermal

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)

101-86-0 alpha-Hexylcinnamaldehyde

PNEC aqua fw 0.03 ma/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 PNFC soil 9.51 mg/kg dwt PNEC sec. poisoning 6.6 mg/kg

The lists valid during the making were used as basis.

Additional information: 8.2 Exposure controls

Personal protective equipment:

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

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

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

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. 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. Eve protection: Goggles recommended during refilling

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 Odour: Floral . Flash point: >100°C

. Auto-ignition temperature: Product is not selfigniting.

. Explosive properties: Product does not present an explosion hazard.

Density at 25°C: 0.998-1.008 g/cm³ Refractive Index at 25° C: 1.5055-1.5125

Solubility in / Miscibility with

Fully miscible water: . alcohols: Fully miscible

No further relevant information available. . 9.2 Other information

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 signifiant reactivity hazards, by itself or in contact with water. Avoide 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:

$1222\text{-}05\text{-}5\ 1, 3, 4, 6, 7, 8\text{-}hexahydro-4, 6, 6, 7, 8, 8\text{-}hexamethylindeno[5, 6\text{-}c] pyran$

LD50 >4640 mg/kg (rat) Dermal LD50 >6500 mg/kg (rat)

14901-07-6 beta-lonone

Oral LD50 4590 mg/kg (rat)

103-95-7 2-Methyl-3-(p-isopropylphenyl)propionaldehyde

Oral LD50 3810 mg/kg

101-86-0 alpha-Hexylcinnamaldehyde

Oral LD50 3100 mg/kg (rat) Dermal LD50 >3000 mg/kg (rabbit)

107898-54-4 santol pentenol LD50 >2000 mg/kg (rat)

Dermal LD50 >2000 mg/kg (rabbit) 128-37-0 Butylated hydroxytoluene

LD50 2930-6000 mg/kg (rat)

Dermal LD50 2000 mg/kg (rat)

5989-27-5 d-limonene LD50 4400 mg/kg (rat) Oral

Primary irritant effect: Skin corrosion/irritation Serious eye damage/irritation

Causes skin irritation. Causes serious eye irritation. Respiratory or skin sensitisation May cause an allergic skin reaction.

CMR effects (carcinogenity, 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.

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. Aspiration hazard

Based on available data, the classification criteria are not met.

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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)

14901-07-6 beta-lonone

EC50 48h 1.641 mg/l (daphnia) ErC50 72h 3.233 mg/l (alg) LC50 96h 2.572 mg/l (fish)

101-86-0 alpha-Hexylcinnamaldehyde

LC50 96h 1.7 mg/l (fish) 107898-54-4 santol pentenol EC50 48h 1 mg/l (daphnia) ErC50 72h 1 mg/l (alg) LC50 96h 1.2 mg/l (fish)

12.2 Persistence and degradability 12.3 Bioaccumulative potential

12.4 Mobility in soil **Ecotoxical effects:** Remark:

Additional ecological information:

General notes:

No further relevant information available. No further relevant information available. No further relevant information available. Very toxic for fish

Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Very toxic for aquatic organisms

12.5 Results of PBT and vPvB assessment

. PBT: . vPvB . 12.6 Other adverse effects Not applicable. Not applicable.

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. Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

. 14.1 UN-Number

ADR, IMDG, IATA

14.2 UN proper shipping name

ADR

. IMDG

. 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):

UN3082

3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-hexahydro-

4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, Cedarwood oil)
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-

hexamethylindeno[5,6-c]pyran, Cedarwood oil), MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-

hexamethylindeno[5,6-c]pyran, Cedarwood oil)

9 Miscellaneous dangerous substances and articles.

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

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Symbol (fish and tree) Warning: Miscellaneous dangerous substances and articles.

14.6 Special precautions for user Hazard identification number (Kemler code):

90

EMS Number:

Special marking (IATA):

F-A S-F

Stowage Category

Code: E1

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

Transport/Additional information:

51

Limited quantities (LQ) Excepted quantities (EQ)

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

Transport category

Tunnel restriction code

. IMDG

Limited quantities (LQ)

5L Code: E1

. Excepted quantities (EQ)

Maximum net quantity per inner packaging: 30 ml

. UN "Model Regulation":

Maximum net quantity per outer packaging: 1000 ml UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-HEXAHYDRO-

4,6,6,7,8,8-HEXAMETHYLINDENO[5,6-C]PYRAN, CEDARWOOD OIL), 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

Seveso category

E1 Hazardous to the Aquatic Environment

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

Qualifying quantity (tonnes) for the application of

upper-tier requirements

100 t 200 t

REGULATION (EC) No 1907/2006 ANNEX XVII

Conditions of restriction: 3 DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

. 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.

None of the ingredients is listed.

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

Classification according to Regulation (EC) No 1272/2008

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

Our products are Inedible and are not used for food production.

3302.90.90.00.00

No 1272/2008

Customs tariffs: Contact:

S.Ulker

. Abbreviations and acronyms:

kalite@gulcicek.com

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC)

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

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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. 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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