

SAFETY DATA SHEET

In accordance with the requirements of US 29 CFR Parts 1910, 1915, and 1926.

Givaudan

UAH08786/00 COASTAL KALE

Version 5.0

Revision Date 16 SEP 2021

Print Date 16 SEP 2021

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Sales No. : UAH08786/00
US-500
UAH08786/00 COASTAL KALE

Relevant identified uses of the substance or mixture and uses advised against : Perfume compound
Intended Use Fragrances

Company :
Givaudan Fragrances Corp.
300 Waterloo Valley Road
International Trade Center
MOUNT OLIVE NJ 07828
UNITED STATES OF AMERICA

Emergency telephone number : +12152070061
+18669280789

Please refer to section 16 for a full list of emergency phone numbers.

SECTION 2. HAZARDS IDENTIFICATION

Classification according to HCS 2012 (29 CFR Parts 1910, 1915, and 1926)

Eye irritation, Category 2A	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Reproductive toxicity, Category 2	H361: Suspected of damaging fertility or the unborn child.

Label elements

Labelling (REGULATION 29 CFR Parts 1910, 1915, and 1926).

Hazard pictograms :  

Signal word : **Warning**

Hazard statements : **H317** May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H361 Suspected of damaging fertility or the

Administrative information:

Report Information: SDS_US/EN/GHS_SDS_NA_REGION/23

Sales & Distribution Information: MW01/FR/US13/01/0010022764/0100225838/000110

Shipping Order Information: 22,347,909/16,018,164

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		unborn child.
Precautionary statements	:	Prevention:
		P201 Obtain special instructions before use.
		P202 Do not handle until all safety precautions have been read and understood.
		P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
		P264 Wash skin thoroughly after handling.
		P272 Contaminated work clothing must not be allowed out of the workplace.
		P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
		Response:
		P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
		P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
		P308 + P313 IF exposed or concerned: Get medical advice/ attention.
		P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
		P337 + P313 If eye irritation persists: Get medical advice/ attention.
		P363 Wash contaminated clothing before reuse.
		Storage:
		P405 Store locked up.
		Disposal:
		P501 Dispose of contents/ container to an approved waste disposal plant.

Hazards not Otherwise Classified : None

Please note: Mixtures have not been tested for health hazards. The health hazard information presented is provided in accordance with US 29 CFR 1910.1200 and is based on the testing of individual components which have been shown to cause or may cause these health effects when tested at higher concentrations or at full strength.

Ingredients with unknown acute toxicity.:

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: **0 %**

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.	Concentration [%]
benzyl 2-hydroxybenzoate	118-58-1	1.00 - 10.00
2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8-tetramethylnaphthalene (main isomer)	54464-57-2	1.00 - 10.00
3,7-dimethyl-1,6-octadien-3-ol (= Linalool)	78-70-6	1.00 - 10.00
3,7-dimethylnona-1,6-dien-3-ol (cis & trans)	10339-55-6	1.00 - 10.00
2-hexyl-3-phenyl-2-propenal (trans & cis)	101-86-0	1.00 - 10.00
(2E)-3,7-dimethyl-2,6-octadien-1-ol (= geraniol)	106-24-1	0.10 - 1.00
Oils, Lemon	8008-56-8	0.10 - 1.00
3-(3,4-Methylene dioxyphenyl)-2-methylpropanal	1205-17-0	0.10 - 1.00

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

First aid measures

Description of first aid measures

- General advice : Consult physician or Poison Control Center. The National Hotline for US Poison Control Centers is 1.800.222.1222; <https://www.poison.org>
- If inhaled : Get to fresh air immediately.
Consult Poison Control Center or physician if any symptoms develop.
- In case of skin contact : Rinse immediately with plenty of water for at least 15 minutes. If skin irritation occurs, seek medical advice/attention. Remove contaminated clothing and shoes. Immediately seek medical attention if chemical entered ear canal. When symptoms persist or in all cases of doubt seek medical advice.
- In case of eye contact : Remove contact lenses. Immediately flush eyes for at least 15 minutes. Get medical attention.

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If swallowed : Do NOT induce vomiting.
Immediately consult Poison Control Center or physician.

Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.
Causes serious eye irritation.
Suspected of damaging fertility or the unborn child.

Indication of any immediate medical attention and special treatment needed

no data available

SECTION 5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media : Water spray
Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical

Unsuitable extinguishing media : no data available

Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
Exposure to decomposition products may be a hazard to health.
Cool closed containers exposed to fire with water spray.

Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : In the event of fire and/or explosion do not breathe fumes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas.
Keep people away from and upwind of spill/leak.
In the case of vapour formation use a respirator with an approved filter.

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Use personal protective equipment as required.
For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.
Material can create slippery conditions.

Environmental precautions

Retain and dispose of contaminated wash water.
The product should not be allowed to enter drains, water courses or the soil.
Dispose of in accordance with local regulations.
Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Keep in suitable, closed containers for disposal.
Clean contaminated floors and objects thoroughly while observing environmental regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling : Avoid contact with skin and eyes.
Open drum carefully as content may be under pressure.
When using do not eat, drink or smoke.

Advice on protection against fire and explosion : no data available

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Further information on storage conditions : Ambient / 10-30°C (50-85°F)
Dry, well ventilated, preferably full, hermetically sealed
Advice on common storage : Protect against light.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

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Components	CAS-No. :	Type:	Value :	Basis :	Revision:
Oils, Lemon	8008-56-8	TWA	10 mg/m3	NIOSH REL	2013-10-08
Oils, Lemon	8008-56-8	TWA	5 mg/m3	NIOSH REL	2013-10-08
Oils, Lemon	8008-56-8	PEL	10 mg/m3	CAL PEL	2014-11-26
Oils, Lemon	8008-56-8	PEL	5 mg/m3	CAL PEL	2014-11-26
(n): The concentration and percentage of the particulate used for this limit are determined from the fraction passing a size selector with the following characteristics: Aerodynamic Diameter in Micrometers (unit density sphere)..... Percent Passing Selector 0 100 1 97 2 91 3 74 4 50 5 30 6 17 7 9 8 5 10 1					

Exposure Assessment: Exposures are dependent on the product being handled, the potential for chemical release, and any resulting airborne concentrations or dermal contact. Since product handling and release scenarios vary, and no two workplaces are exactly alike, it is recommended that the potential for exposure be assessed prior to the product's use or introduction. Exposure assessments should be performed by an occupational hygienist, industrial hygienist, or other qualified occupational or environmental health professional. An exposure assessment should be conducted to determine the efficacy of any ventilation and the need for additional respiratory protection.

Engineering measures

Ventilation: Use engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposures limit requirements or guidelines, use only with adequate ventilation. Local exhaust ventilation may be necessary for some operations.

Personal protective equipment

- Protective measures : Choose PPE based on a hazard assessment, taking into account to the concentration and amount of dangerous substances, and to the specific work-place conditions.
- Eye protection : Ensure that eyewash stations and safety showers are close to the workstation location.
Wear chemical splash goggles (non-vented) with faceshield.
- Hand protection : Wear impervious and chemical resistant gloves suitable for this material as determined by a hazard assessment.
Gloves should be discarded and replaced if there is any

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- indication of degradation or chemical breakthrough.
- Skin and body protection : Wear protective clothing suitable for this material as determined by a hazard assessment.
- Respiratory protection : Respiratory protection should be worn when workplace exposures exceed exposure limit requirements or guidelines. If there are no applicable exposure limits or guidelines, use an approved respirator where there is a potential for adverse effects, including but not limited to respiratory irritation or odor, where indicated or required by the exposure assessment. Selection of air-purifying or positive-pressure supplied air will depend on the results of the exposure assessment which includes an evaluation of the specific operations and the actual or potential airborne concentrations. The type of cartridge or filter to be used must be selected and approved for the chemical, class, or classes of chemical(s) likely to be encountered in the workplace. For emergency conditions, use an approved positive-pressure self-contained breathing apparatus.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Remove contaminated clothing and protective equipment before entering eating areas.
Wash hands before breaks and immediately after handling the product.

See Section 16 for further information.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state : liquid
Form : liquid
Color : colorless to Very slightly yellow
Taste : not determined
Odor : Citrus-like, Floral, woody
Odour Threshold : Not applicable
Flash point : > 225 °F (> 107 °C) Method: Grabner miniflash closed cup
Lower explosion limit : not determined
Upper explosion limit : not determined
Flammability : Not applicable
Auto-ignition temperature : not determined
Decomposition temperature : no data available
pH : not determined
Melting point : not determined
Boiling point : not determined
Vapor pressure : 0.0165 hPa at
68 °F (20 °C) Calculated (99.9 %)
Density : 882.40 kg/m³ at

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Bulk density	68 °F (20 °C) : Not applicable
Solubility/qualitative	: practically insoluble
Partition coefficient: n-octanol/water	: Not applicable
Viscosity, kinematic	: no data available
Relative vapour density	: no data available
Evaporation rate	: no data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

none

Chemical stability

The product is chemically stable.

Possibility of hazardous reactions

Hazardous reactions : no data available

Conditions to avoid

Conditions to avoid : no data available

Incompatible materials

Materials to avoid : no data available

Hazardous decomposition products

Hazardous decomposition products : no data available
Thermal decomposition : no data available

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute oral toxicity : No data is available on the product itself.

Acute inhalation toxicity : No data is available on the product itself.

Acute dermal toxicity : No data is available on the product itself.

Acute toxicity (other routes) : No data is available on the product itself.

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of administration)

Skin corrosion/irritation : May cause skin irritation and/or dermatitis.
May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation : Vapours may cause irritation to the eyes, respiratory system and the skin.

Respiratory or skin sensitisation : Causes sensitisation.

Mutagenicity : No data is available on the product itself.

Reproductive toxicity : No data is available on the product itself.

Teratogenicity : No data is available on the product itself.

Carcinogenicity:

IARC : Remarks : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA : Remarks : No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP : Remarks : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

STOT - single exposure : No data is available on the product itself.

STOT - repeated exposure : No data is available on the product itself.

Aspiration hazard : No data is available on the product itself.

Further information : no data available

Please note: Mixtures have not been tested for health hazards. The health hazard information presented is provided in accordance with US 29 CFR 1910.1200 and is based on the testing of

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individual components which have been shown to cause or may cause these health effects when tested at higher concentrations or at full strength.

SECTION 12. Ecological information

Ecological information is not reported.

SECTION 13. DISPOSAL CONSIDERATIONS

Product : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.

: Dispose of in accordance with local, state and federal regulations.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

Dispose of in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION

14.1 UN number

49 CFR : N/A

IMDG : UN 3082

IATA : UN 3082

14.2 UN proper shipping name

49 CFR : Not regulated as a dangerous good

IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
: (Octahydro-tetramethyl-naphthalenyl-ethanone, Hexamethylindanopyran)

IATA : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Octahydro-tetramethyl-naphthalenyl-ethanone,

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Hexamethylindanopyran)

14.3 Transport hazard class(es)

49 CFR : N/A
IMDG : 9
IATA : 9

14.4 Packing group

49 CFR : N/A
IMDG : III
IATA : III

14.5 Environmental hazards

CFR : Not regulated as a dangerous good
IMDG
Marine pollutant : yes
IATA (Passenger)
Environmentally hazardous : yes
IATA (Cargo)
Environmentally hazardous : yes

14.6 Special precautions for user

49 CFR
Not regulated as a dangerous good

Remarks : Shipment by ground under DOT is non-regulated; however it may be shipped per the applicable hazard classification to facilitate multi-modal transport involving ICAO (IATA) or IMO.

IMDG
IMDG Code Segregation : None
Group

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

Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION

Only relevant information is reported
SARA 311/312 Hazards. : Serious eye damage or eye irritation

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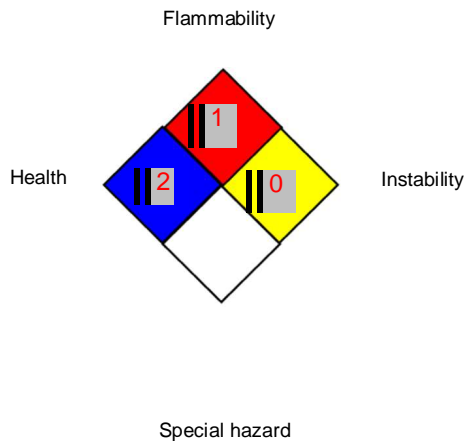
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Respiratory or skin sensitization
Reproductive toxicity

SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



Full list of Emergency response numbers worldwide.

	Country	Phone nr		Country	Phone nr
Europe	All Europe	+44 1235 239670	APAC	All East/South East Asia	+65 3158 1074
	France	+33 1 72 11 00 03		Sri Lanka	+65 3158 1195
	Germany	+49 89 220 61012		Taiwan	+886 2 8793 3212
	Spain	+34 91 114 2520		Japan	+81 3 4578 9341
	Italy	+39 02 3604 2884		Indonesia	007 803 011 0293
	Netherlands	+31 10 713 8195		Malaysia	+60 3 6207 4347
	Turkey	+90 212 375 5231		Thailand	001 800 120 666 751
	Norway	+47 2103 4452		India	+65 3158 1198 000 800 100 7479
	Greece	+30 21 1198 3182		Pakistan	+65 3158 1329
	Portugal	+351 30880 4750		Bangladesh	+65 3158 1200

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	Sweden	+46 8 566 42573		Vietnam	+84 28 4458 2388
	Poland	+48 22 307 3690		Korea	+65 3158 1285
	Czech republic	+420 228 882 830		South Korea	+82 2 3479 8401
	Finland	+358 9 7479 0199		Australia	+61 2 8014 4558
Middle East/Africa	All Middle East/Africa	+44 1235 239671		New Zealand	+64 9 929 1483
	Bahrain and Middle East	+44 1235 239671		China	+86 532 8388 9090
	Africa/South Africa	+27 21 300 2732	LATAM	Mexico	+52 55 5004 8763
NOAM	USA and Canada	+1 866 928 0789		Brazil	+55 11 3197 5891
	USA and Canada	+1 215 207 0061		Chile	+56 2 2582 9336
	USA and Canada	+1 202 464 2554	Colombia	+57 1 508 7337	
Global	Global	+44 1865 407333		Argentina	+54 11 5984 3690

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Information displayed in section 3 (Composition/information on ingredients) is additional information to understand the hazards of the product and ensure safe handling, storage and transportation. This information, including CAS numbers, is not meant to be used for registration, notification or any other purposes. Any additional information and documentation needed may be provided by Givaudan.

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