

SAFETY DATA SHEET

In compliance with Regulation (EC) No 1907/2006

CARAMELIZED APPLE / KARMELIZUOTAS OBUOLYS SKU-AA-KAROB

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY	
1.1 Product identifier Product identifier / No: UFI:	CARAMELIZED APPLE / KARMELIZUOTAS OBUOLYS SKU-AA-KAROB U1F0-41P1-H101-G4WT
1.2 Relevant identified uses of the mixture and uses advised against:	Perfuming agent for finished consumer products. Not for personal use in this form or concentration.
1.3 Details of the supplier of the safety data sheet:	BALSIUS, LTD Valerijono Protaseviciaus st. 2 LT-08462 Vilnius, Lithuania Phone: +370 611 73333 E-mail: info@soyacandles.lt
1.4 Emergency telephone number:	+370 611 73333
2. HAZARD IDENTIFICATION	
2.1 Classification of the substance or mixture	
2.1.1 Classification according to Regulation (EC) No 1272/2008:	- - No pictogram required Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.  GHS05 Corrosion Eye Dam. 1 H318 Causes serious eye damage.  GHS07 Exclamation mark Skin Sens. 1 H317 May cause an allergic skin reaction.
2.2 Label elements	
2.2.1 Hazard pictogram(s):	  -
2.2.2 Signal word	Danger
2.2.3 Hazard Statement(s):	Harmful to aquatic life with long lasting effects.Causes serious eye damage. May cause an allergic skin reaction.

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2.2 Label elements

2.2.4 Precautionary statements

General:	P101 If medical advice is needed, have product container or label at hand. P103 Read label before use.
Prevention:	P261 Avoid breathing dust / fume / gas / mist / vapours / spray. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves / protective clothing / eye protection / face protection.
Response in cases of accidental spillage or exposure:	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. P310 Immediately call a POISON CENTER or doctor / physician. P321 Specific treatment P333+P313 If skin irritation or rash occurs: Get medical advice / attention. P363 Wash contaminated clothing before reuse.
Storage:	
Disposal:	P501 Dispose of contents / container in accordance with government regulations.

Hazardous component (s) for labeling:

<u>CAS No:</u>	<u>Chemical name:</u>
56539-66-3	3-Methoxy-3-methylbutanol
4430-31-3	Octahydro-2H-1-benzopyran-2-one
104-55-2	Cinnamaldehyde
121-33-5	4-Hydroxy-3-methoxybenzaldehyde

EUH208: Contains an ingredient that may produce an allergic reaction:

<u>CAS No:</u>	<u>Chemical name:</u>
104-55-2	Cinnamaldehyde
5392-40-5	(E/Z)-3,7-Dimethyl-2,6-octadienal
68039-49-6	2,4-Dimethyl-3-cyclohexene-1-carboxaldehyde

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2.2 Label elements

2.3 Other hazards

This mixture does not contain any PBT (persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative) substances according to Directive (EC) No 1907/2006.

This mixture does not contain endocrine disrupting substances according to Regulation (EU) 2017/2100.

Handling may cause static charge which may ignite the mixture.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation:

Mixture of substances listed below with non-hazardous additions.

CAS-/EINECS-No:

Not applicable

Quantity	CAS No EINECS No REACH No	Name	Comment	Classification (GHS)
25-50%	25265-71-8 246-770-3 01-2119456811-38	Dipropylene glycol		- Nicht eingestuft -
25-50%	56539-66-3 260-252-4 01-2119976333-33	3-Methoxy-3-methylbutanol		 Eye Irrit. 2 H319
1-5%	4430-31-3 224-623-4 01-2120746527-47	Octahydro-2H-1-benzopyran- 2-one		 Eye Dam. 1 H318
1-5%	4940-11-8 225-582-5 01-2120758795-36	2-Ethyl-3-hydroxy-4H-pyran-4-one		 Acute Tox. 4 H302
1-5%	104-55-2 203-213-9 01-2119935242-45	Cinnamaldehyde		 , - Acute Tox. 4, Skin Irrit. 2, Skin Sens. 1A, Eye Irrit. 2, Aquatic Chronic 3 H312, H315, H317, H319, H412
1-5%	121-33-5 204-465-2 01-2119516040-60	4-Hydroxy-3-methoxybenzaldehyde		 Eye Irrit. 2 H319
1-5%	88-41-5 201-828-7 01-2119970713-33	2-tert-Butylcyclohexyl acetate		 Aquatic Chronic 2 H411
1-5%	131-57-7 205-031-5 01-2119976330-39	2-Hydroxy-4-methoxybenzophenone		 Aquatic Acute 1, Aquatic Chronic 2 H400, H411
1-5%	104-67-6 203-225-4 01-2119959333-34	4-Undecanolide		- Aquatic Chronic 3 H412
<1%	100-06-1 202-815-9 01-2120770477-44	4'-Methoxyacetophenone		 Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2 H302, H315, H319
<1%	142-19-8 205-527-1 01-2119488961-23	Allyl heptanoate		 , - Acute Tox. 3, Aquatic Acute 1, Aquatic Chronic 3 H301, H311, H400, H412
<1%	5392-40-5 226-394-6 01-2119462829-23	(E/Z)-3,7-Dimethyl-2,6-octadienal		 Skin Irrit. 2, Skin Sens. 1, Eye Irrit. 2 H315,

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See section 16 for the full text of the H statements declared above.

4.1 Description of first aid measures

5.1 Extinguishing media

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No specific hazard known.

5.3 Advice for fire-fighters

No specific advice.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel: Adequate protective gloves should be worn when handling spillages. No smoking. Avoid naked flames or other potential sources of ignition (eg. electrical equipment). Avoid skin contamination and inhalation of vapour. Individual washing routines should be followed after any potential contact. Ensure adequate ventilation in working areas following accidental releases.

6.1.2 For emergency personnel: Apply the same recommendations as section 6.1.1

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

6.3.1 For containment Any absorbent used for cleaning up spillage should be disposed promptly, accordingly to local regulation. Gross spillages should be contained by any means, and disposal of this should be in accordance with governmental Regulations

6.3.2 For cleaning-up Spillages should be disposed of in accordance with Governmental Regulations.

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.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Wear appropriate protective gloves and goggles / face shield.
Do not smoke.
Avoid all sources of ignition.
Avoid excessive temperature during processing. Do not ingest or apply directly to skin.
Good ventilation of storage and work place.

7.1.1 Protective measures: Keep strict control of dust accumulation to a minimum. Maintain adequate local and general ventilation where product is handled. Avoid any sources of ignition.

7.1.2 Advice on general occupational hygiene: Good personal washing routines should be followed.

7.2 Conditions for safe storage, including any incompatibilities

7.2.1 Requirements to be met by storerooms and receptacles: It is good general practice to store in closed, preferably full, containers away from heat sources, and protected from extremes of temperature. Do not store below 20 °C
Protect from light.
Do not re-use the empty container.

7.2.2 Information about storage in one common storage facility: No further relevant information available.

7.2.3 Further information about storage conditions: Not available

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7.3 Specific end use(s)

Perfuming of consumer products

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Ingredient	Value	Short-term value [mg/m ³]	Long-term value [mg/m ³]	Base	CAS-No Publication
Dipropylene glycol					25265-71-8
MAK	280		140	SuvaPro	2013
Damage to the fetus need not be feared if the MAK value is observed					

8.2 Exposure controls

8.2.1 Engineering measures

Ensure adequate ventilation, especially in confined areas

Additional information about design of technical facilities: No further data, see item 7

8.2.2 Personal protective equipment

Respiratory protection:	Use respiratory protection if ventilation is insufficient
Protection of hands:	 Use chemically resistant gloves as needed.
Eye protection:	 Use goggles.
Body protection:	Protective clothing, gloves and goggles
Hygienic measures:	Avoid contact with skin and eyes

8.2.3 Limitation and supervision of exposure into the environment

Take precautions to prevent the product from entering the sewage system. In case of contamination of water or sewage system, inform the responsible authorities.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	liquid
Colour:	yellow
Odour:	fruity-spicy-vanille
Odour threshold:	not determined
Flashpoint (°C):	79.0 Method: Pensky-Martens, closed cup
Relative density (d 20/4 °C):	1.003
PH-value:	not applicable
Boiling point (°C):	not determined
Melting point (°C):	not determined
Auto flammability (°C):	not determined
Explosive prop. (°C):	not determined
Oxidizing properties:	none expected
Vapour pressure:	not determined
Water solubility:	not determined
Solvent Content:	75%

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VOC:	0.000%
9.2 Other information	
	no data available

10. STABILITY AND REACTIVITY	
10.1 Reactivity:	No reaction known with water.
10.2 Chemical Stability:	Good stability at standard temperature.
10.3 Possibility of hazardous reactions:	Vapors can form flammable mixtures with air.
10.4 Conditions to avoid:	Avoid temperatures above or at least 5 °C below flash point for any flammable liquids. Do not heat closed containers. Avoid contact with oxidizing agents.
10.5 Incompatible materials:	Not known.
10.6 Hazardous decompositions products:	Contact with water or storage under recommended conditions for one year should not produce dangerous decomposition products.

11. TOXICOLOGICAL INFORMATION	
11.1 Information on hazard classes according to Regulation (EC) No 1272/2008	
Acute toxicity:	No data available
Skin corrosion/irritation	No data available
Serious eye damage / irritation	No data available
Respiratory or skin sensitisation	No data available
CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)	No data available
STOT – single exposure	No data available
STOT – repeated exposure	No data available
Aspiration hazard	No data available
11.2 Information on other hazards	
Endocrine disrupting properties:	No data available
Other information:	No data available

12. ECOLOGICAL INFORMATION	
12.1 Toxicity:	No further relevant information available. (Product is a mixture). The product must be labeled according to Regulation (EC) No. 1272/2008 (CLP) in the currently valid version.
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.
12.5 Results of PBT and vPvB assessment	This mixture does not contain substances classified as PBT or vPvB.
12.6 Endocrine disrupting properties	This mixture does not contain any substances with endocrine-disrupting properties according to the evaluation criteria set out in (EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605.
12.7 Other adverse effects	No further relevant information available.

13. DISPOSAL CONDITIONS	
Residual quantities of the product should be treated according to the instructions given under points 6, 7 and 8 above. Wastes should be eliminated according to national or regional regulatory requirements currently in force. Minimize release to the environment.	

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14. TRANSPORTATION INFORMATION

UN-Nr.	--	--	IMDG-Code	--	Packing group:
RID/ADR	--		IATA/DGR	--	--

UN proper shipping name:

RID/ADR: NOT DANGEROUS GOODS

IMDG: NOT DANGEROUS GOODS

IATA/ICAO: NOT DANGEROUS GOODS

Marine pollutant: -

Additional information: In case of accidental spillage or fire during transport please refer to instructions under the above mentioned headings 5, 6, 7 and 8.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1 Regulation (EC) No 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Substances of very high concern None of the components are listed.

Annex XVII - Restriction on the manufacture and use of certain dangerous substances, mixtures and articles

Not applicable

15.1.2 National Regulations (Germany)

Classification according VwVwS, Annexe 4

Water hazard class 2

15.2 Chemical safety assessment

No data available at this time.

16. OTHER INFORMATION

16.1 Full text of abbreviated H-phrases	-	Void
	H301	Toxic if swallowed.
	H302	Harmful if swallowed.
	H311	Toxic in contact with skin.
	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.
	H400	Very toxic to aquatic life.
	H411	Toxic to aquatic life with long lasting effects.
	H412	Harmful to aquatic life with long lasting effects.

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16.2 Full text of abbreviated classifications (GHS)	<table> <tr><td>Acute Tox. 3 derm.</td><td>Acute Toxicity, Dermal Category 3</td></tr> <tr><td>Acute Tox. 3 oral</td><td>Acute Toxicity, Oral Category 3</td></tr> <tr><td>Acute Tox. 4 derm.</td><td>Acute Toxicity, Dermal Category 4</td></tr> <tr><td>Acute Tox. 4 oral</td><td>Acute Toxicity, Oral Category 4</td></tr> <tr><td>Aquatic Acute 1</td><td>Acute Aquatic Toxicity Category 1</td></tr> <tr><td>Aquatic Chronic 2</td><td>Chronic Aquatic Toxicity Category 2</td></tr> <tr><td>Aquatic Chronic 3</td><td>Chronic Aquatic Toxicity Category 3</td></tr> <tr><td>Eye Dam. 1</td><td>Serious eye damage Category 1</td></tr> <tr><td>Eye Irrit. 2</td><td>Eye irritation Category 2</td></tr> <tr><td>Nicht eingestuft</td><td>PRODUCT NOT CLASSIFIED AS DANGEROUS ACCORDING TO EUROPEAN DIRECTIVE 1272/2008 AND ITS ADAPTATIONS. -</td></tr> <tr><td>Skin Irrit. 2</td><td>Skin irritation Category 2</td></tr> <tr><td>Skin Sens. 1</td><td>Skin Sensitisers Category 1</td></tr> <tr><td>Skin Sens. 1A</td><td>Skin Sensitisers Category 1A</td></tr> <tr><td>Skin Sens. 1B</td><td>Skin Sensitisers Category 1B</td></tr> </table>	Acute Tox. 3 derm.	Acute Toxicity, Dermal Category 3	Acute Tox. 3 oral	Acute Toxicity, Oral Category 3	Acute Tox. 4 derm.	Acute Toxicity, Dermal Category 4	Acute Tox. 4 oral	Acute Toxicity, Oral Category 4	Aquatic Acute 1	Acute Aquatic Toxicity Category 1	Aquatic Chronic 2	Chronic Aquatic Toxicity Category 2	Aquatic Chronic 3	Chronic Aquatic Toxicity Category 3	Eye Dam. 1	Serious eye damage Category 1	Eye Irrit. 2	Eye irritation Category 2	Nicht eingestuft	PRODUCT NOT CLASSIFIED AS DANGEROUS ACCORDING TO EUROPEAN DIRECTIVE 1272/2008 AND ITS ADAPTATIONS. -	Skin Irrit. 2	Skin irritation Category 2	Skin Sens. 1	Skin Sensitisers Category 1	Skin Sens. 1A	Skin Sensitisers Category 1A	Skin Sens. 1B	Skin Sensitisers Category 1B
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16.3 Abbreviations and acronyms	<table> <tr><td>ADR</td><td>Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)</td></tr> <tr><td>AGS</td><td>Ausschuss für Gefahrstoffe (D)</td></tr> <tr><td>EINECS</td><td>European Inventory of Existing Commercial Chemical Substances</td></tr> <tr><td>GHS</td><td>Globally Harmonized System of Classification and Labelling of Chemicals</td></tr> <tr><td>IATA</td><td>International Air Transport Association</td></tr> <tr><td>IMDG</td><td>International Maritime Code for Dangerous Goods</td></tr> <tr><td>MAK</td><td>Maximale Arbeitsplatzkonzentration</td></tr> <tr><td>REACH</td><td>Registration, Evaluation, Authorisation and Restriction of Chemical substances, European Community Regulation on chemicals and their safe use (EC 1907/2006)</td></tr> <tr><td>SuvaPro</td><td>Suva: Grenzwerte am Arbeitsplatz (CH)</td></tr> <tr><td>VOC</td><td>Volatile Organic Compounds (USA, EU)</td></tr> </table>	ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)	AGS	Ausschuss für Gefahrstoffe (D)	EINECS	European Inventory of Existing Commercial Chemical Substances	GHS	Globally Harmonized System of Classification and Labelling of Chemicals	IATA	International Air Transport Association	IMDG	International Maritime Code for Dangerous Goods	MAK	Maximale Arbeitsplatzkonzentration	REACH	Registration, Evaluation, Authorisation and Restriction of Chemical substances, European Community Regulation on chemicals and their safe use (EC 1907/2006)	SuvaPro	Suva: Grenzwerte am Arbeitsplatz (CH)	VOC	Volatile Organic Compounds (USA, EU)								
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16.4 Recommended applications:	Concentrated perfumery raw material. Unsuitable for personal use as such.																												

The recommendations in this safety data sheet reflect the knowledge available to us on the date of going to print. They are intended to give you hints for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and waste disposal. This information cannot be transferred to other products. In those cases where the product mentioned in this safety data sheet is blended, mixed or processed with other materials or processed in any other way, the information contained in this safety data sheet cannot be related to the new material obtained in this way.