

Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010 Issue date:05/10/2020 Revision date: Version: 1.0 **SECTION 1: Identification Product identifier** 1.1. Product form : Mixture Trade name CARAMEL AND VANILLA 195483BB Type of product : Perfumes, Fragrances Product group : Trade product Relevant identified uses of the substance or mixture and uses advised against 1.2. Use of the substance/mixture : Perfumes, Fragrances 1.3. Supplier's details Manufacturer Sensetek 24 Village Crescent Linbro Business Park, Sandton P.O. Box PO Box 2598 2065 Gauteng T +27 11 608 4944/5 sales@sensetek.biz - www.sensetek.co.za **Emergency telephone number** 1.4. Emergency number : +27 83 382 1905 **SECTION 2: Hazards identification** Classification of the substance or mixture 2.1. **Classification according to the United Nations GHS** H227 Flammable liquids, Category 4 Acute toxicity (oral), Category 5 H303 H317 Skin sensitisation, Category 1 Hazardous to the aquatic environment ----H400 Acute Hazard, Category 1 Hazardous to the aquatic environment ----H411 Chronic Hazard, Category 2 Full text of H statements : see section 16 2.2. Label elements Labelling according to the United Nations GHS Hazard pictograms (GHS-ZA) Signal word (GHS-ZA) : Warning : BENZYL SALICYLATE: Benzyl benzoate; Vanillin; Ethyl vanillin; Benzyl benzoate; 4-Hydroxy-Hazardous ingredients

Hazard statements (GHS-ZA)

2,5-dimethyl-3(2H)-furanone : H227 - Combustible liquid H303 - May be harmful if swallowed H317 - May cause an allergic skin reaction. H400 - Very toxic to aquatic life. H411 - Toxic to aquatic life with long lasting effects. Precautionary statements (GHS-ZA) P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smokina. P261 - Avoid breathing vapours, mist, spray. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective clothing, eye protection, face protection. P302+P352 - IF ON SKIN: Wash with plenty of water. P312 - Call a doctor, a POISON CENTER if you feel unwell. P321 - Specific treatment (see supplemental first aid instruction on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice, medical attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P370+P378 - In case of fire: Use extinguishing powder, alcohol resistant foam, carbon dioxide (CO2) to extinguish. P391 - Collect spillage. P403 - Store in a well-ventilated place.

Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

P501 - Dispose of contents and container to an approved waste disposal plant. 2.3. Other hazards

Adverse physicochemical, human health and environmental effects

: Harmful if swallowed, May cause an allergic skin reaction, Very toxic to aquatic life, Toxic to aquatic life with long lasting effects.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures			
Name	Product identifier	%	Classification according to the United Nations GHS
Diethyl phthalate	(CAS-No.) 84-66-2	25.2 - 33.6	Flam. Liq. Not classified
Benzyl benzoate	(CAS-No.) 120-51-4	25.7216	Flam. Liq. Not classified Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Vanillin	(CAS-No.) 121-33-5	4.642 - 4.842	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Acute Tox. 4 (Dermal), H312 Eye Irrit. 2A, H319 Aquatic Acute 3, H402
Ethyl vanillin	(CAS-No.) 121-32-4	1.68 – 3.36	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Eye Irrit. 2B, H320 Aquatic Acute 3, H402
Benzyl benzoate	(CAS-No.) 120-51-4	2.0336 – 2.836	Flam. Liq. Not classified Acute Tox. 4 (Oral), H302 Acute Tox. 5 (Dermal), H313 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
BENZYL SALICYLATE	(CAS-No.) 118-58-1	0.128	Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Eye Irrit. 2B, H320 Skin Sens. 1, H317 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Furfural	(CAS-No.) 98-01-1	0.005 – 0.05	Flam. Liq. 3, H226 Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Acute Tox. 2 (Inhalation), H330 Acute Tox. 3 (Inhalation:dust,mist), H331 Skin Irrit. 2, H315 Carc. 2, H351 STOT SE 3, H335 Aquatic Chronic 3, H412

Full text of H-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs Get medical advice/attention.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Rinse mouth. Call a poison center or a doctor if you feel unwell.
4.2. Most important symptoms and effe	cts, both acute and delayed
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
4.3. Indication of any immediate medica	I attention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Special hazards arising from the su	ibstance or mixture
Fire hazard	: Combustible liquid.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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According to SANS 10234:2019 and SANS 11014:2010

5.3. Advice for firefighters

Protection during firefighting

: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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SECTION 6: Accidental release meas	sures		
6.1. Personal precautions, protective equipment and emergency procedures			
No additional information available			
6.1.1. For non-emergency personnel			
Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing vapours, spray, mist.		
6.1.2. For emergency responders			
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".		
6.2. Environmental precautions			
Avoid release to the environment.			
6.3. Methods and material for containme	nt and cleaning up		
For containment	: Collect spillage.		
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.		
Other information	: Dispose of materials or solid residues at an authorized site.		
SECTION 7: Handling and storage			
7.1. Precautions for safe handling			
Precautions for safe handling			
Hygiene measures	: Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.		
7.2. Conditions for safe storage, includin	ng any incompatibilities		
Storage conditions	: Store in a well-ventilated place. Keep cool.		
SECTION 8: Exposure controls/perso	onal protection		
8.1. Control parameters			
Diethyl phthalate (84-66-2)			
South Africa - Occupational Exposure Limits	s (Recommended Limits)		
Local name	Diethyl phthalate		
OEL TWA (mg/m ³)	5 mg/m³		
OEL STEL (mg/m ³) 10 mg/m ³			
Regulatory reference Government Notice. R: 1179			
Furfural (98-01-1)			
South Africa - Occupational Exposure Limits	s (Recommended Limits)		
ocal name Furfural (2-Furaldehyde)			
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EL TWA (ppm) 2 ppm			
DEL STEL (mg/m³) 40 mg/m³			
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Remark			
Regulatory reference Government Notice. R: 1179			
<u> </u>			
8.2. Appropriate engineering controls			

8.2. Appropriate engineering controls

: Ensure good ventilation of the work station.

Appropriate engineering controls Environmental exposure controls

: Avoid release to the environment.

Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

8.3. Individual protection me	asures, such as personal protective equipment (PPE)
Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment
Personal protective equipment sy	mbol(s):

8.4. Exposure limit values for the other components No additional information available

SECTION 9: Physical and chemical properties 9.1. Information on basic physical and chemical properties Physical state : Liquid Appearance : No data available Colur : No data available Odour : No data available Odour : No data available Odour : No data available PH : No data available pH ollution : No data available PH solution : No data available PH solution : No data available Relative evaporation rate (butylacetate=1) : No data available Relative evaporation rate (butylacetate=1) : No data available Freezing point : No data available Fisha point : No data available Pishab point : No data available Pishab point : No data available Pisamballity (solid, gas) : No data available Pisamballity (solid, gas) : No data available Vapour pressure : No data available Relative density of saturated gas/ar mixture : No data available Relative density of saturated gas/ar mixture : No data available Relative gas density		
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3.2. Other mormation	9.2. Other information	

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

According to SANS 10234:2019 and SANS 11014	:2010		
10.2. Chemical stability			
Stable under normal conditions.			
10.3. Possibility of hazardous react	ions		
No dangerous reactions known under norn	nal conditions of use.		
10.4. Conditions to avoid			
Avoid contact with hot surfaces. Heat. No f	flames, no sparks. Eliminate all sources of ignition.		
10.5. Incompatible materials			
No additional information available			
10.6. Hazardous decomposition pro	ducts		
Under normal conditions of storage and us	e, hazardous decomposition products should not be produced.		
SECTION 11: Toxicological info	rmation		
11.1. Information on toxicological e	ffects		
Acute toxicity (oral)	: May be harmful if swallowed.		
Acute toxicity (dermal)	: Not classified		
Acute toxicity (inhalation)	: Not classified		
ATE ZA (oral)	4657.575 mg/kg bodyweight		
BENZYL SALICYLATE (118-58-1)	2000 mg/kg hadrupight		
	2200 mg/kg bodyweight		
Benzyl benzoate (120-51-4)			
LD50 oral rat	2000 mg/kg bodyweight		
LD50 oral	1500 mg/kg bodyweight		
LD50 dermal rabbit			
LD50 dermal	4000 mg/kg bodyweight		
Vanillin (121-33-5)			
LD50 oral			
LD50 dermal rat	2000 mg/kg bodyweight		
Ethyl vanillin (121-32-4)			
LD50 oral	3000 mg/kg bodyweight		
Benzyl benzoate (120-51-4)			
LD50 oral	1500 mg/kg bodyweight		
LD50 dermal 4000 mg/kg bodyweight			
Furfural (98-01-1)			
LD50 oral	100 mg/kg bodyweight		
D50 dermal 1100 mg/kg bodyweight			
LC50 Inhalation - Rat (Vapours)	1 mg/l/4h		
Skin corrosion/irritation	: Not classified		
Serious eye damage/irritation	: Not classified		
Respiratory or skin sensitisation	: May cause an allergic skin reaction.		
Germ cell mutagenicity : Not classified			
Carcinogenicity	: Not classified		
Reproductive toxicity	: Not classified		

STOT-repeated exposure: Not classifiedAspiration hazard: Not classified

STOT-single exposure

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general	: Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short- term (acute)	: Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

: Not classified

Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

Benzyl benzoate (120-51-4) LC50 fish 1 2.32 mg/l EC50 Daphnia 1 3.09 mg/l Partition coefficient n-octanol/water (Log Pow) 3.97 Vanillin (121-33-5) 83.7 (57 – 123) mg/l LC50 fish 1 83.7 (57 – 123) mg/l EC50 Daphnia 1 36.79 mg/l EC50 T2h algae (1) 120 mg/l Partition coefficient n-octanol/water (Log Pow) 1.17 12.2. Persistence and degradability CARAMEL AND VANILLA 195483BB Persistence and degradability Vanillin (121-33-5) No additional information available 12.3. Bioaccumulative potential CARAMEL AND VANILLA 195483BB No additional information available Benzyl benzoate (120-51-4) Partition coefficient n-octanol/water (Log Pow) Partition coefficient n-octanol/water (Log Pow) 1.17 12.4. Mobility in soil CARAMEL AND VANILLA 195483BB Mo additional information available Benzyl benzoate (120-51-4) Partition coefficient n-octanol/water (Log Pow) 1.17 1.4. Mobility in soil CARAMEL AND VANILLA 195483BB No additional information available	<u> </u>		
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Partition coefficient n-octanol/water (Log Pow) 1.17	nillin (121-33-5)		
	tition coefficient n-octanol/water (Log Pow)	1.17	
12.5. Other adverse effects	Other adverse effects		
Ozone : Not classified	ie : !	Not classified	
Other adverse effects : No additional information available	No additional information available		

SECTION 13: Disposal considerations 13.1. Disposal methods

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with SANS / IMDG / IATA

SANS	IMDG	ΙΑΤΑ
14.1. UN number		
3082	3082	3082
14.2. Proper Shipping Name		
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	Environmentally hazardous substance, liquid, n.o.s.
14.3. Transport hazard class(es)		
9	9	9
		Not applicable
14.4. Packing group		
III	III	111
14.5. Environmental hazards		•
Dangerous for the environment : Yes	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available		

Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

44.0	One of all successful and for success	
14.6.	Special precautions for user	

- SANS	
Special provisions (SANS)	: 179, 274, 331, 335
Limited quantities (SANS)	: 5L
Limited quantities (SANS)	: 5L
Packagings, large packagings and IBCs Packing instructions (SANS)	: P001, IBC03, LP01
Packagings, large packagings and IBCs Special packing instructions (SANS)	: PP1
Portable tank and bulk containers instructions (SANS)	: T4
Portable tank and bulk container special provisions (SANS)	: TP1, TP29
- IMDG	
Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage)	: S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS
Stowage category (IMDG)	: A
- IATA	
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197
ERG code (IATA)	: 9L
14.7. Transport in bulk according to Anne	ex II of MARPOL 73/78 and the IBC Code
Not applicable	

Not applicable

SECTION 15: Regulatory information

15.1.	Safety, healt	h. and environmental	national regulations	specific for the product
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Regulatory reference: SANS 10234:2019; SANS 11014:2010; SANS 10228:2012; SANS 10229:2010; SANS
10232(1,2,4), SANS 10231:2018; Occupational Health and Safety Act 85 of 1993; National
Road Traffic Act 93 of 1996.

SECTION 16: Other information Issue date : 05/10/2020

Full text of H-statements:

H226	Flammable liquid and vapour.
H227	Combustible liquid
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H303	May be harmful if swallowed
H312	Harmful in contact with skin.
H313	May be harmful in contact with skin
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

Safety Data Sheet

According to SANS 10234:2019 and SANS 11014:2010

H320	Causes eye irritation
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

SDS South Africa

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.