zen**%aroma**

Chanel Chance

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996) Issue date: 7/11/2022 Version: 1.0

SECTION 4. Identification	
SECTION 1: Identification	
1.1 Product identifier	
Product name Product form	: Chanel Chance : Mixture
Product code	:
1.2 Other means of identification	
No additional information available	
1.3 Recommended use of the chemical an	d restrictions on use
Recommended use	: Perfumes, Fragrances
1.4 Details of manufacturer or importer	
ZEN AROMA 22c Portside Drive Mt Maunganui, 3116 New Zealand PH: 07 578 4755 support@zenaroma.co.nz	
1.5. Emergency phone number	
Emergency number	0800 764 766 NZ Poisons Centre
2.1. Classification of the hazardous chemic Classification according to the Environmental F Skin sensitization, Category 1 Hazardous to the aquatic environment – Chronic H	Protection Authority notices (EPA Hazardous Substances and New Organisms Act 1996) H317
2.2. GHS Label elements, including precau	utionary statements
GHS NZ labelling	
Hazard pictograms (GHS NZ)	
Signal word (GHS NZ) Contains	 Warning Iso E Super (5.95 – 11.9 %); Exaltolide (2.635 – 5.27 %); Cyclamen aldehyde (0.46 – 0.92 %); Cashmeran (0.3 – 0.6 %); Hexyl salicylate (0.17 – 0.34 %); Hexyl cinnamic aldehyde (0.11 – 0.22 %); Bergamot oil (0.11 – 0.22 %); Linalyl acetate (0.11 – 0.22 %); Helional (0.055 – 0.11 %); Ginger oil (0.055 – 0.11 %); Methyl ionone (mixture of isomers) (0.055 – 0.11 %)
Hazard statements (GHS NZ)	: H317 - May cause an allergic skin reaction H411 - Toxic to aquatic life with long lasting effects
Prevention	 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/hearing protection.
Response	 P302+P352 - IF ON SKIN: Wash with plenty of water. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
Disposal	 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to GHS NZ
Iso E Super	CAS-No.: 54464-57-2	5.95 – 11.9	Skin Sens. 1, H317 Aquatic Chronic 2, H411
HEXAMETHYLINDANOPYRAN	CAS-No.: 1222-05-5	3.84 – 7.68	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Ethylene brassylate	CAS-No.: 105-95-3	3.255 – 6.51	Aquatic Chronic 2, H411
Exaltolide	CAS-No.: 106-02-5	2.635 – 5.27	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Sandela	CAS-No.: 66068-84-6	2.25 – 4.5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411
Cedarwood oil, Texas	CAS-No.: 68990-83-0	1.425 – 2.85	Asp. Tox. 1, H304 Aquatic Chronic 1, H410
Dimethylbenzyl carbinyl acetate(DMBCA)	CAS-No.: 151-05-3	1.315 – 2.63	Aquatic Chronic 3, H412
Ambercore	CAS-No.: 139504-68-0	1.095 – 2.19	Aquatic Chronic 2, H411
Rose crystals	CAS-No.: 90-17-5	0.55 – 1.1	Skin Irrit. 2, H315 Aquatic Chronic 3, H412
Cyclamen aldehyde	CAS-No.: 103-95-7	0.46 - 0.92	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Benzyl benzoate	CAS-No.: 120-51-4	0.395 – 0.79	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Cashmeran	CAS-No.: 33704-61-9	0.3 – 0.6	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT RE 2, H373 Aquatic Acute 3, H402 Aquatic Chronic 2, H411
Hexyl salicylate	CAS-No.: 6259-76-3	0.17 – 0.34	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
Hexyl cinnamic aldehyde	CAS-No.: 101-86-0	0.11 – 0.22	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Bergamot oil	CAS-No.: 8007-75-8	0.11 – 0.22	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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Name	Product identifier	%	Classification according to GHS NZ
Linalyl acetate	CAS-No.: 115-95-7	0.11 – 0.22	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Helional	CAS-No.: 1205-17-0	0.055 – 0.11	Flam. Liq. 4, H227 Skin Sens. 1, H317 Aquatic Chronic 3, H412
zingiber officinale (ginger) root oil	CAS-No.: 8007-08-7	0.055 – 0.11	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Carc. 1B, H350 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Methyl ionone (mixture of isomers)	CAS-No.: 1335-46-2	0.055 – 0.11	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Acute 2, H401 Aquatic Chronic 2, H411

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures		
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).	
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.	
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Get medical advice/attention. on this label). If skin irritation occurs: Get medical advice/attention. Wash skin with plenty of water.	
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.	
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center/doctor/physician if you feel unwell.	
4.2. Symptoms caused by exposure		
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.	
4.3. Medical attention and special treatm	ent	
Other medical advice or treatment	: Treat symptomatically.	

SECTION 5: Fire-fighting measures			
5.1. Extinguishing media			
Suitable extinguishing media Unsuitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.Do not use a heavy water stream.		
5.2. Specific hazards arising from the chemical			
Hazardous decomposition products in case of fire	: Toxic fumes may be released.		
5.3. Special protective equipment and precautions for fire-fighters			
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.		

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 Protection during firefighting
 : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

 SECTION 6: Accidental release measures

 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. Evacuate unnecessary personnel.

 6.1.2. For emergency responders

 Protective equipment
 : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

 Emergency procedures
 : Ventilate area.

 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and materials for containment and cleaning up		
Methods for cleaning up	: Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.	

SECTION 7: Handling and sto	rage
7.1. Precautions for safe handling	9
Precautions for safe handling	Ensure good ventilation of the work station. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
Hygiene measures	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage,	including any incompatibilities
Storage conditions	Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.
Incompatible products	: Strong bases. Strong acids.
Incompatible materials	: Sources of ignition. Direct sunlight.
Storage temperature	: 25 °C
Storage area	: Store in a well-ventilated place. Store away from heat.
Special rules on packaging	: Store in a closed container.
Packaging materials	: Do not store in corrodable metal.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

No additional information available

Exposure limit values of other components

No additional information available

8.2. Monitoring methods

No additional information available

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8.3. Engineering controls		
Appropriate engineering controls	: Ensure good ventilation of the work station.	
8.4. Individual protection measures, suc	h as personal protective equipment (PPE)	
Personal protective equipment	: Avoid all unnecessary exposure.	
Hand protection	: Wear protective gloves.	
Eye protection	: Chemical goggles or safety glasses. Safety glasses	
Skin and body protection	: Wear suitable protective clothing	
Respiratory protection	: Wear appropriate mask	
Personal protective equipment symbol(s)		



: Avoid release to the environment.

- Environmental exposure controls Other information
- : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

Physical state	:	Liquid
Appearance	:	No data available
Color	:	light yellow amber
Odor	:	characteristic
Odor threshold	:	No additional information available
рН	:	No additional information available
Evaporation rate	:	No additional information available
Relative evaporation rate (butyl acetate=1)	:	No data available
Melting point / Freezing point	:	Melting point: Not applicable
Boiling point	:	No data available
Flash point	:	> 93 °C (closed cup) ASTM D7094
Auto-ignition temperature	:	No data available
Flammability (solid, gas)	:	Not applicable
Vapor pressure	:	No additional information available
Relative density	:	No additional information available
Density	:	Relative density: ≈ 1.07
Solubility	:	No additional information available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Explosion limits	:	No additional information available
Minimum ignition energy	:	No data available

SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Not established.
Possibility of hazardous reactions	: Not established.
Conditions to avoid	: Direct sunlight. Extremely high or low temperatures.
Incompatible materials	: Strong acids. Strong bases.
Hazardous decomposition products	: fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Transport hazard class(es)

11.1. Toxicity

Acute toxicity (oral) Acute toxicity (dermal)

- : Not classified
- : Not classified

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Acute toxicity (inhalation) : Not classified		
Ethylene brassylate (105-95-3)		
LD50 oral rat	> 5000 mg/kg	
LD50 dermal rabbit	> 5000 mg/kg	
HEXAMETHYLINDANOPYRAN (1222-05-5)		
LD50 oral rat	> 3250 mg/kg	
LD50 dermal rabbit	> 3250 mg/kg	
Cyclamen aldehyde (103-95-7)		
LD50 oral rat	3810 mg/kg	
LD50 oral	3810 mg/kg body weight	
LD50 dermal rat	> 5000 mg/kg	
Exaltolide (106-02-5)		
LD50 oral rat	> 5 g/kg	
Ambercore (139504-68-0)		
LD50 dermal rat	> 2000 mg/kg	
Dimethylbenzyl carbinyl acetate(DMBCA) (151	I-05-3)	
LD50 oral rat	3300 mg/kg	
LD50 oral	3300 mg/kg body weight	
Rose crystals (90-17-5)		
LD50 oral rat	6800 mg/kg	
LD50 dermal rat	> 2000 mg/kg	
LC50 Inhalation - Rat	> 5 mg/l (Exposure time: 6 h)	
Sandela (66068-84-6)		
LD50 dermal rat	> 2000 mg/kg	
LC50 Inhalation - Rat	> 5.27 mg/l/4h	
Hexyl cinnamic aldehyde (101-86-0)		
LD50 oral rat	3100 mg/kg	
LD50 oral	3100 mg/kg body weight	
LD50 dermal rabbit	> 3000 mg/kg	
LC50 Inhalation - Rat	> 5 mg/l/4h	
Helional (1205-17-0)		
LD50 dermal rabbit	> 2000 mg/kg	
Hexyl salicylate (6259-76-3)		
LD50 oral rat	> 5 g/kg	
LD50 dermal rabbit	> 5000 mg/kg	
zingiber officinale (ginger) root oil (8007-08-7)		
LD50 oral rat	> 5 g/kg	
Bergamot oil (8007-75-8)		
LD50 oral rat	11520 mg/kg	

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Linalyl acetate (115-95-7)		
LD50 oral rat	14550 mg/kg	
LD50 dermal rabbit	> 5000 mg/kg	
Cashmeran (33704-61-9)		
LD50 oral	2900 mg/kg body weight	
Benzyl benzoate (120-51-4)		
LD50 oral rat	500 mg/kg	
LD50 oral	1500 mg/kg body weight	
LD50 dermal rabbit	4000 mg/kg	
LD50 dermal	4000 mg/kg body weight	
Methyl ionone (mixture of isomers) (1335-4	6-2)	
LD50 oral rat	> 5000 mg/kg	
LD50 dermal rabbit	> 5000 mg/kg	
LD50 dermal	2900 mg/kg body weight	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Not classified	
Respiratory or skin sensitization	: May cause an allergic skin reaction.	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
Reproductive toxicity	: Not classified	
STOT-single exposure	: Not classified	
STOT-repeated exposure	: Not classified	
Cashmeran (33704-61-9)		
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.	
Aspiration hazard	: Not classified	
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.	

SECTION 12: Document changes control

12.1. Ecotoxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short–term (acute)	: Not classified
Hazardous to the aquatic environment, long–term (chronic)	: Toxic to aquatic life with long lasting effects.
Soil toxicity	: Not classified
Terrestrial vertebrate toxicity	: Not classified
Terrestrial invertebrate toxicity	: Not classified
Other information	: Avoid release to the environment.
Ethylene brassylate (105-95-3)	
Partition coefficient n-octanol/water (Log Pow)	4.3 (at 25 °C (at pH 6.4-7)
LD50 dermal rabbit	> 5000 mg/kg
LD50 oral rat	> 5000 mg/kg
HEXAMETHYLINDANOPYRAN (1222-05-5)	
LC50 - Fish [1]	0.452 mg/l Wolf, 1996d-27682

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LC50 - Other aqualic organisms [1] > 0.14 mgN REACH DOSSIER Pimephales promelas EC50 - Other aqualic organisms [1] 0.131 mgN REACH Dossier EC50 - Other aqualic organisms [1] 0.131 mgN REACH Dossier BCF - Fin [1] (1616 dimensionlass (whole body w.w.) Partition coefficient n-octanol/water (Log Pow) 5.3 (at 25 °C (at pH 7) LD50 deman rabbt > 3250 mg/kg Cyclamen aldehyde (103-95-7)	HEXAMETHYLINDANOPYRAN (1222-05-5)		
EC60-Other aquatic organisms [1] 0.131 mgl REACH Doasier BCF - Fish [1] (1618 dimensionless (whole body w.w.) Patition coefficient n-actanol/water (Log Pow) 5.3 (at 25 °C (at pH 7) LD60 dimul rabbit > 3250 mg/kg Cyclamen aldehyde (103-95-7) Patition coefficient n-actanol/water (Log Pow) 3.4 (at 35 °C) Partition coefficient n-actanol/water (Log Pow) 3.4 (at 35 °C) So00 mg/kg LD60 ari rat 3600 mg/kg So00 mg/kg Patition coefficient n-actanol/water (Log Pow) 5.79 (at 25 °C (at pH 6.7-6.8) LD60 ari rat > 5000 mg/kg Patition coefficient n-actanol/water (Log Pow) 5.79 (at 25 °C (at pH 6.7-6.8) LD50 ari rat > 5 g/kg Ambercore (139504-68-0) BOF - Fish (1) BCF - Fish (1) (173 dimensionless) Dimethylbenzyl carbinyl acetate(DMBEA) (151-5-5) Patition coefficient n-actanol/water (Log Pow) 3.45 (at 25 °C) Diso oral rat 3000 mg/kg Rose crystals (90-17-6) 2000 mg/kg LD50 oral rat 6800 mg/kg Sandela (66068-84-6) 2000 mg/kg LD50 oral rat 03000 mg/kg LD50 oral rat 0100 mg/kg LD50 oral rat 03000 mg/kg LD50 oral rat 03000 mg/kg LD50 oral rat 0100 mg/kg<	LC50 - Other aquatic organisms [1]	> 0.14 mg/l REACH DOSSIER Pimephales promelas	
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Partition coefficient n-octanol/water (Log Pow)5.3 (at 25 °C (at pH 7)LD50 dernal rabbit> 3280 mg/kgCyclamon aldohyde (103-95-7)>Partition coefficient n-octanol/water (Log Pow)3.4 (at 35 °C)2 sotion mg/kg>LD50 oral rat> 9000 mg/kgLD50 oral rat310 mg/kgExattolide (106-02-5)>Partition coefficient n-octanol/water (Log Pow)5.79 (at 25 °C (at pH 6.7-6.8)LD50 oral rat> 5000 mg/kgBCF - Fish [1](173 dimensionless)BCF - Fish [1](173 dimensionless)Databatis (Log Pow)3.64 (at 25 °C (at pH 56-77)LD50 oral rat> 2000 mg/kgDimethylbonzyl carbinyl acotata(DMBCA) (151-05-3)Partition coefficient n-octanol/water (Log Pow)3.654 (at 25 °C) (at pH 56-77)LD50 oral rat3.535 (at 25 °C)Coefficient n-octanol/water (Log Pow)3.545 (at 25 °C)Coefficient n-octanol/water (Log Pow)3.543 (at 25 °C)Coefficient n-octanol/water (Log Pow)3.543 (at 25 °C)Coefficient n-octanol/water (Log Pow)3.535 (at 25 °C)Coefficient n-octanol/water (Log Pow)3.543 (at 25 °C)Coefficient n-octanol/water (Log Pow)2.430 °C (at pH 7)CD50 oral rat3.000 m	EC50 - Other aquatic organisms [1]	0.131 mg/l REACH Dossier	
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Partition coefficient n-octanol/water (Log Pow) 3.4 (at 35 °C) LD50 oral rat 3810 mg/kg Exattolide (106-02-5) Partition coefficient n-octanol/water (Log Pow) 5.79 (at 25 °C (at pH 6.7-6.8) LD50 oral rat > 5 g/kg Ambercore (139504-68-0) BCF - Fiel [1] (17.3 dimensionless) 2000 mg/kg Dimethylbonzyl carbinyl acetate(DMBCA) (155-3) Partition coefficient n-octanol/water (Log Pow) 3.64 (at 25 °C (at pH >6-7) LD50 oral rat 3000 mg/kg Rose crystals (90-17-5) Partition coefficient n-octanol/water (Log Pow) 3.535 (at 25 °C) 2000 mg/kg LD50 oral rat 6800 mg/kg Sandela (66068-84-6) LD50 oral rat 92000 mg/kg LD50 dermal rabbit 2 400 mg/kg	LD50 oral rat	> 3250 mg/kg	
> 5000 mg/kg LD50 oral rat 3810 mg/kg Exattolide (106-02-5) 5.79 (at 25 °C (at pH 6.7-6.8) Partition coefficient n-octanol/water (Log Pow) 5.79 (at 25 °C (at pH 6.7-6.8) LD50 oral rat > 5 g/kg Ambercore (139504-68-0) 1017 3 dimensionless) BCF - Fish [1] (173 dimensionless) Dimethylbenzyl carbinyl acetate(DMBCA) (15-5-3) 2000 mg/kg Partition coefficient n-octanol/water (Log Pow) 3.64 (at 25 °C (at pH >6-<7)	Cyclamen aldehyde (103-95-7)		
LDS0 oral rat 3810 mg/kg Exaltolide (106-02-5) 579 (at 25 °C (at pH 6.7-8.8) Partition coefficient n-octanol/water (Log Pow) 5.79 (at 25 °C (at pH 6.7-8.8) LDS0 oral rat > 5 g/kg Ambercore (139504-68-0) If 73 dimensionless) BCF - Fish [1] (173 dimensionless) 2 000 mg/kg Salk (at 25 °C (at pH >6-7) Dimethylbenzyl carbinyl acetate(DMBCA) (15 -05-3) Salk (at 25 °C (at pH >6-7) Partition coefficient n-octanol/water (Log Pow) 3.63 (at 25 °C (at pH >6-7) LDS0 oral rat 3000 mg/kg Rose crystals (90-17-5) Partition coefficient n-octanol/water (Log Pow) Partition coefficient n-octanol/water (Log Pow) 3.53 (at 25 °C) Partition coefficient n-octanol/water (Log Pow) 3.53 (at 25 °C) Partition coefficient n-octanol/water (Log Pow) 3.53 (at 25 °C) LD50 oral rat 6800 mg/kg LDS0 oral rat 6800 mg/kg LDS0 oral rat 3000 mg/kg Heiton coefficient n-octanol/water (Log Pow) 3.000 mg/kg LD50 dormal rabbit 2000 mg/kg Holional (1205-17-0) 24 (at 25 °C) DS05 dormal rabbit	Partition coefficient n-octanol/water (Log Pow)	3.4 (at 35 °C)	
Exatiolide (106-02-5) Partition coefficient n-octanol/water (Log Pow) 5.79 (at 25 °C (at pH 6.7-6.8) LD50 oral rat > 5 g/kg Ambercore (139504-68-0) BCF - Fish [1] (173 dimensionless) Dimethylbenzyl carbinyl acetate(DMBCA) (151-05-3) > 2000 mg/kg Dimethylbenzyl carbinyl acetate(DMBCA) (151-05-3) Partition coefficient n-octanol/water (Log Pow) 3.64 (at 25 °C (at pH >6-7) LD50 oral rat 3000 mg/kg Rose crystals (90-17-5) Partition coefficient n-octanol/water (Log Pow) 3.535 (at 25 °C) Partition coefficient n-octanol/water (Log Pow) 3.535 (at 25 °C) 2000 mg/kg Sandela (66068-84-6) > 2000 mg/kg LD50 oral rat 6800 mg/kg > Sandela (66068-84-6) > 2000 mg/kg > LD50 dermal rabbit > 3000 mg/kg > LD50 dermal rabbit > 3000 mg/kg LD50 dermal rabbit > 2000 mg/kg Hexyl cinnamic aldehyde (101-86-0) > 2000 mg/kg LD50 dermal rabbit > 3000 mg/kg Heional (1205-17-0) > 2000 mg/kg Partition coefficient n-octanol/water (Log Pow) 2.5 (at 30 °C		> 5000 mg/kg	
Partition coefficient n-octanol/water (Log Pow) 5.79 (at 25 °C (at pH 6.7-6.8) LD50 oral rat > 5 g/kg Ambercore (139504-68-0) (173 dimensionless) BCF - Fish [1] (173 dimensionless) > 2000 mg/kg > Dimethylbonzyl carbinyl acetate(DMBCA) (151-05-3) Partition coefficient n-octanol/water (Log Pow) 3.64 (at 25 °C (at pH >6-<7)	LD50 oral rat	3810 mg/kg	
LD50 oral rat > 5 g/kg Ambercore (139504-68-0) (173 dimensionless) BCF - Fish [1] (173 dimensionless) Partition coefficient n-octanol/water (LOG POW) 3.64 (at 25 °C (at pH >6-<7)	Exaltolide (106-02-5)		
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> 2000 mg/kg Dimethylbenzyl carbinyl acetate(DMBCA) (151-05-3) Partition coefficient n-octanol/water (Log Pow) 3.64 (at 25 °C (at pH >6-<7)	Ambercore (139504-68-0)		
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Partition coefficient n-octanol/water (Log Pow)3.64 (at 25 °C (at pH >6-<7)LD50 oral rat300 mg/kgRose crystals (90-17-5)5.55 (at 25 °C)Partition coefficient n-octanol/water (Log Pow)3.535 (at 25 °C)2000 mg/kg> 2000 mg/kgLD50 oral rat6800 mg/kgSandela (66068-84-6)> 2000 mg/kgHexyl cinnamic aldehyde (101-86-0)> 2000 mg/kgLD50 dermal rabbit> 3000 mg/kgLD50 oral rat3100 mg/kgHelional (1205-17-0)> 3000 mg/kgPartition coefficient n-octanol/water (Log Pow)2.4 (at 25 °C)LD50 dermal rabbit> 2000 mg/kgHexyl salicylate (6259-76-3)2.4 (at 25 °C)Partition coefficient n-octanol/water (Log Pow)5.5 (at 30 °C (at pH 7)LD50 dermal rabbit> 5000 mg/kgLD50 dermal rabbit> 5000 mg/kgILD50 dermal rabbit5.5 (at 30 °C (at pH 7)LD50 dermal rabbit> 5000 mg/kgILD50 dermal rabbit> 5000 mg/kgPartition coefficient n-octanol/water (Log Pow)5.5 (at 30 °C (at pH 7)LD50 dermal rabbit> 5000 mg/kgLD50 dermal rabbit> 5000 mg/kg		> 2000 mg/kg	
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Rose crystals (90-17-5) Partition coefficient n-octanol/water (Log Pow) 3.535 (at 25 °C) > 2000 mg/kg LD50 oral rat 6800 mg/kg Sandela (66068-84-6) > 2000 mg/kg Image: Partition coefficient n-octanol/water (101-86-0) > 2000 mg/kg LD50 dermal rabbit > 3000 mg/kg LD50 oral rat 3100 mg/kg Helional (1205-17-0) > 2000 mg/kg Partition coefficient n-octanol/water (Log Pow) 2.4 (at 25 °C) LD50 dermal rabbit > 2000 mg/kg Hexyl salicylate (6259-76-3) > 2000 mg/kg Partition coefficient n-octanol/water (Log Pow) 5.5 (at 30 °C (at pH 7) LD50 dermal rabbit > 5000 mg/kg LD50 dermal rabbit > 5000 mg/kg	Partition coefficient n-octanol/water (Log Pow)	3.64 (at 25 °C (at pH >6-<7)	
Partition coefficient n-octanol/water (Log Pow)3.535 (at 25 °C)LD50 oral rat> 2000 mg/kgSandela (66068-84-6)Volto mg/kgHexyl cinnamic aldehyde (101-86-0)LD50 dermal rabbit> 3000 mg/kgLD50 dermal rabbit> 3000 mg/kgHelional (1205-17-0)2.4 (at 25 °C)Partition coefficient n-octanol/water (Log Pow)2.4 (at 25 °C)LD50 dermal rabbit> 2000 mg/kgHexyl salicylate (6259-76-3)Partition coefficient n-octanol/water (Log Pow)Partition coefficient n-octanol/water (Log Pow)5.5 (at 30 °C (at pH 7)LD50 dermal rabbit> 5000 mg/kgLD50 dermal rabbit> 5000 mg/kgID50 oral rat> 5000 mg/kg	LD50 oral rat	3300 mg/kg	
> 2000 mg/kg LD50 oral rat 6800 mg/kg Sandela (66068-84-6) > 2000 mg/kg Mexyl cinnamic aldehyde (101-86-0) > 2000 mg/kg LD50 dermal rabbit > 3000 mg/kg LD50 oral rat 3100 mg/kg Helional (1205-17-0) 2.4 (at 25 °C) Partition coefficient n-octanol/water (Log Pow) 2.4 (at 25 °C) LD50 dermal rabbit > 2000 mg/kg Hexyl salicylate (6259-76-3) > 2000 mg/kg Partition coefficient n-octanol/water (Log Pow) 5.5 (at 30 °C (at pH 7) LD50 dermal rabbit > 5000 mg/kg LD50 oral rat > 5 g/kg	Rose crystals (90-17-5)		
LD50 oral rat 6800 mg/kg Sandela (66068-84-6) > 2000 mg/kg Hexyl cinnamic aldehyde (101-86-0) LD50 dermal rabbit > 3000 mg/kg LD50 oral rat 3100 mg/kg Helional (1205-17-0) 2.4 (at 25 °C) Partition coefficient n-octanol/water (Log Pow) 2.4 (at 25 °C) LD50 dermal rabbit > 2000 mg/kg Hexyl salicylate (6259-76-3) > 2000 mg/kg Partition coefficient n-octanol/water (Log Pow) 5.5 (at 30 °C (at pH 7) LD50 dermal rabbit > 5000 mg/kg LD50 oral rat > 5000 mg/kg ILD50 oral rat > 5000 mg/kg	Partition coefficient n-octanol/water (Log Pow)	3.535 (at 25 °C)	
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> 2000 mg/kgHexyl cinnamic aldehyde (101-86-0)LD50 dermal rabbit> 3000 mg/kgLD50 oral rat3100 mg/kgHelional (1205-17-0)Partition coefficient n-octanol/water (Log Pow)2.4 (at 25 °C)LD50 dermal rabbit> 2000 mg/kgHexyl salicylate (6259-76-3)Partition coefficient n-octanol/water (Log Pow)5.5 (at 30 °C (at pH 7)LD50 dermal rabbit> 5000 mg/kgLD50 oral rat> 5 g/kgZingiber officinale (ginger) root oil (8007-08-7)	LD50 oral rat	6800 mg/kg	
Hexyl cinnamic aldehyde (101-86-0) LD50 dermal rabbit > 3000 mg/kg LD50 oral rat 3100 mg/kg Helional (1205-17-0) 2.4 (at 25 °C) Partition coefficient n-octanol/water (Log Pow) 2.4 (at 25 °C) LD50 dermal rabbit > 2000 mg/kg Hexyl salicylate (6259-76-3) > 2000 mg/kg Partition coefficient n-octanol/water (Log Pow) 5.5 (at 30 °C (at pH 7) LD50 dermal rabbit > 5000 mg/kg LD50 oral rat > 5000 mg/kg	Sandela (66068-84-6)		
LD50 dermal rabbit> 3000 mg/kgLD50 oral rat3100 mg/kgHelional (1205-17-0)2.4 (at 25 °C)Partition coefficient n-octanol/water (Log Pow)2.4 (at 25 °C)LD50 dermal rabbit> 2000 mg/kgHexyl salicylate (6259-76-3)> 2000 mg/kgPartition coefficient n-octanol/water (Log Pow)5.5 (at 30 °C (at pH 7)LD50 dermal rabbit> 5000 mg/kgLD50 oral rat> 5 g/kgzingiber officinale (ginger) root oil (8007-08-7)		> 2000 mg/kg	
LD50 oral rat3100 mg/kgHelional (1205-17-0)2.4 (at 25 °C)Partition coefficient n-octanol/water (Log Pow)2.4 (at 25 °C)LD50 dermal rabbit> 2000 mg/kgHexyl salicylate (6259-76-3)5.5 (at 30 °C (at pH 7)Partition coefficient n-octanol/water (Log Pow)5.5 (at 30 °C (at pH 7)LD50 dermal rabbit> 5000 mg/kgLD50 oral rat> 5 g/kgzingiber officinale (ginger) root oil (8007-08-7)	Hexyl cinnamic aldehyde (101-86-0)		
Helional (1205-17-0)Partition coefficient n-octanol/water (Log Pow)2.4 (at 25 °C)LD50 dermal rabbit> 2000 mg/kgHexyl salicylate (6259-76-3)Partition coefficient n-octanol/water (Log Pow)5.5 (at 30 °C (at pH 7)LD50 dermal rabbit> 5000 mg/kgLD50 oral rat> 5 g/kgzingiber officinale (ginger) root oil (8007-08-7)	LD50 dermal rabbit	> 3000 mg/kg	
Partition coefficient n-octanol/water (Log Pow)2.4 (at 25 °C)LD50 dermal rabbit> 2000 mg/kgHexyl salicylate (6259-76-3)Partition coefficient n-octanol/water (Log Pow)5.5 (at 30 °C (at pH 7)LD50 dermal rabbit> 5000 mg/kgLD50 oral rat> 5 g/kgZingiber officinale (ginger) root oil (8007-08-7)	LD50 oral rat	3100 mg/kg	
LD50 dermal rabbit > 2000 mg/kg Hexyl salicylate (6259-76-3) Partition coefficient n-octanol/water (Log Pow) 5.5 (at 30 °C (at pH 7) LD50 dermal rabbit > 5000 mg/kg LD50 oral rat > 5 g/kg Partition coefficient n-octanol/water (Log Pow) 1050 dermal rabbit > 5000 mg/kg LD50 oral rat > 5 g/kg	Helional (1205-17-0)	·	
Hexyl salicylate (6259-76-3) Partition coefficient n-octanol/water (Log Pow) 5.5 (at 30 °C (at pH 7) LD50 dermal rabbit > 5000 mg/kg LD50 oral rat > 5 g/kg zingiber officinale (ginger) root oil (8007-08-7)	Partition coefficient n-octanol/water (Log Pow)	2.4 (at 25 °C)	
Partition coefficient n-octanol/water (Log Pow) 5.5 (at 30 °C (at pH 7) LD50 dermal rabbit > 5000 mg/kg LD50 oral rat > 5 g/kg zingiber officinale (ginger) root oil (8007-08-7)	LD50 dermal rabbit	> 2000 mg/kg	
LD50 dermal rabbit > 5000 mg/kg LD50 oral rat > 5 g/kg	Hexyl salicylate (6259-76-3)		
LD50 oral rat > 5 g/kg zingiber officinale (ginger) root oil (8007-08-7)	Partition coefficient n-octanol/water (Log Pow)	5.5 (at 30 °C (at pH 7)	
zingiber officinale (ginger) root oil (8007-08-7)	LD50 dermal rabbit	> 5000 mg/kg	
	LD50 oral rat	> 5 g/kg	
LD50 oral rat > 5 g/kg	zingiber officinale (ginger) root oil (8007-08-7)		
	LD50 oral rat	> 5 g/kg	

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Bergamot oil (8007-75-8)		
LD50 oral rat	11520 mg/kg	
Linalyl acetate (115-95-7)	1	
LC50 - Fish [1]	11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through])	
Partition coefficient n-octanol/water (Log Pow)	3.9 (at 25 °C)	
LD50 dermal rabbit	> 5000 mg/kg	
LD50 oral rat	14550 mg/kg	
Cashmeran (33704-61-9)		
LC50 - Fish [1]	10.3 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])	
BCF - Fish [1]	(81 dimensionless (whole body w.w.)	
Partition coefficient n-octanol/water (Log Pow)	4.2 (at 20 °C)	
Benzyl benzoate (120-51-4)		
LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])	
NOEC (chronic)	0.168 mg/l	
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)	
LD50 dermal rabbit	4000 mg/kg	
LD50 oral rat	500 mg/kg	
Methyl ionone (mixture of isomers) (1335-46-2)		
LC50 - Fish [1]	2.3 mg/l (Exposure time: 96 h - Species: Danio rerio [static])	
Partition coefficient n-octanol/water (Log Pow)	(>4.5 - <5 - at 23 °C (at pH 6.2)	
LD50 dermal rabbit	> 5000 mg/kg	
LD50 oral rat	> 5000 mg/kg	
12.2. Persistence and degradability		
Chanel Chance		
Persistence and degradability	Not established.	
Cedarwood oil, Texas (68990-83-0)		
Persistence and degradability	Not established.	
Benzyl benzoate (120-51-4)		
Persistence and degradability	May cause long-term adverse effects in the environment.	
12.3. Bioaccumulative potential		
Chanel Chance		
Bioaccumulative potential	Not established.	
Ethylene brassylate (105-95-3)		
Partition coefficient n-octanol/water (Log Pow)	4.3 (at 25 °C (at pH 6.4-7)	
HEXAMETHYLINDANOPYRAN (1222-05-5)		

Partition coefficient n-octanol/water (Log Pow)

5.3 (at 25 °C (at pH 7)

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Cyclamen aldehyde (103-95-7)		
Partition coefficient n-octanol/water (Log Pow)	3.4 (at 35 °C)	
Exaltolide (106-02-5)		
Partition coefficient n-octanol/water (Log Pow)	5.79 (at 25 °C (at pH 6.7-6.8)	
Ambercore (139504-68-0)		
BCF - Fish [1]	(173 dimensionless)	
Dimethylbenzyl carbinyl acetate(DMBCA) (151	-05-3)	
Partition coefficient n-octanol/water (Log Pow)	3.64 (at 25 °C (at pH >6-<7)	
Cedarwood oil, Texas (68990-83-0)		
Bioaccumulative potential	Not established.	
Rose crystals (90-17-5)		
Partition coefficient n-octanol/water (Log Pow)	3.535 (at 25 °C)	
Helional (1205-17-0)		
Partition coefficient n-octanol/water (Log Pow)	2.4 (at 25 °C)	
Hexyl salicylate (6259-76-3)		
Partition coefficient n-octanol/water (Log Pow)	5.5 (at 30 °C (at pH 7)	
Linalyl acetate (115-95-7)		
Partition coefficient n-octanol/water (Log Pow)	3.9 (at 25 °C)	
Cashmeran (33704-61-9)		
BCF - Fish [1]	(81 dimensionless (whole body w.w.)	
Partition coefficient n-octanol/water (Log Pow)	4.2 (at 20 °C)	
Benzyl benzoate (120-51-4)		
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)	
Bioaccumulative potential	Not established.	
Methyl ionone (mixture of isomers) (1335-46-2)		
Partition coefficient n-octanol/water (Log Pow)	(>4.5 - <5 - at 23 °C (at pH 6.2)	
12.4. Mobility in soil		
Chanel Chance		
Mobility in soil	No additional information available	
Ethylene brassylate (105-95-3)		
Partition coefficient n-octanol/water (Log Pow)	4.3 (at 25 °C (at pH 6.4-7)	

HEXAMETHYLINDANOPYRAN (1222-05-5)		
Partition coefficient n-octanol/water (Log Pow)	5.3 (at 25 °C (at pH 7)	
Cyclamen aldehyde (103-95-7)		
Partition coefficient n-octanol/water (Log Pow)	3.4 (at 35 °C)	
Exaltolide (106-02-5)		
Partition coefficient n-octanol/water (Log Pow)	5.79 (at 25 °C (at pH 6.7-6.8)	

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Dimethylbenzyl carbinyl acetate(DMBCA) (151-05-3)		
Partition coefficient n-octanol/water (Log Pow)	3.64 (at 25 °C (at pH >6-<7)	
Rose crystals (90-17-5)		
Partition coefficient n-octanol/water (Log Pow)	3.535 (at 25 °C)	
Helional (1205-17-0)		
Partition coefficient n-octanol/water (Log Pow)	2.4 (at 25 °C)	
Hexyl salicylate (6259-76-3)		
Partition coefficient n-octanol/water (Log Pow)	5.5 (at 30 °C (at pH 7)	
Linalyl acetate (115-95-7)		
Partition coefficient n-octanol/water (Log Pow)	3.9 (at 25 °C)	
Cashmeran (33704-61-9)		
Partition coefficient n-octanol/water (Log Pow)	4.2 (at 20 °C)	
Benzyl benzoate (120-51-4)		
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)	
Methyl ionone (mixture of isomers) (1335-46-2)		
Partition coefficient n-octanol/water (Log Pow)	(>4.5 - <5 - at 23 °C (at pH 6.2)	
12.5. Other adverse effects		
07000	Net aloosified	

Ozone

Other adverse effects

SECTION 13: Disposal considerations

: Not classified

: No additional information available

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information	
14.1. UN number	
UN-No.(UN RTDG) UN-No. (IMDG) UN-No. (IATA)	: 3082 : 3082 : 3082
14.2. UN proper shipping name	
Proper Shipping Name (UN RTDG) Proper Shipping Name (IMDG) Proper Shipping Name (IATA)	 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Hexamethylindanopyran) Environmentally hazardous substance, liquid, n.o.s. (Hexamethylindanopyran)
14.3. Transport hazard class(es)	
UN RTDG Transport hazard class(es) (UN RTDG) Hazard labels (UN RTDG)	: 9 : 9

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

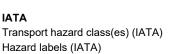


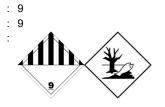
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IMDG

Transport hazard class(es) (IMDG) Hazard labels (IMDG)





14.4. Packing group	
Packing group (UN RTDG) Packing group (IMDG) Packing group (IATA)	: III : III : III
14.5. Emergency telephone number	
Dangerous for the environment Marine pollutant Other information	: True : Yes : No supplementary information available
14.6. Special precautions for user	
Transport by road and rail Special provision (UN RTDG) Limited quantities (UN RTDG) Excepted quantities (UN RTDG) Packing instruction (UN RTDG) Special packing provisions (UN RTDG) Portable tank and bulk container special instructions (UN RTDG) Portable tank and bulk container special provisions (UN RTDG)	 274, 331, 335, 375 5L E1 P001, IBC03, LP01 PP1 T4 TP1, TP29
Transport by sea Special provision (IMDG) Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) Packing provisions (IMDG) IBC packing instructions (IMDG) Tank instructions (IMDG) Tank special provisions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Air transport PCA Excepted quantities (IATA)	 274, 335, 969 5 L E1 LP01, P001 PP1 IBC03 T4 TP1, TP29 F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE S-F - SPILLAGE SCHEDULE Foxtrot - WATER-SOLUBLE MARINE POLLUTANTS A
PCA Limited quantities (IATA)	: Y964

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according to the Hazardous Substances and New Organisms Act (1996)

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 provision (IATA)	: A97, A158, A197, A215
ERG code (IATA)	: 9L

14.7. Transport in bulk according to IMO instruments

Not applicable

14.8. Hazchem or Emergency Action Code

Not applicable

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture		
Linalyl acetate (115-95-7)		
Hazardous Substances and New Organisms Act		
HSNO Approval Number	HSR003499	
Benzyl benzoate (120-51-4)		
Hazardous Substances and New Organisms Act		
HSNO Approval Number	HSR003504	

No additional information available

SECTION 16: Other information	
Issue date	: 7/11/2022
Other information	: None.
Full text of H-phrases	
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment – Acute Hazard Category 2
Aquatic Acute 3	Hazardous to the aquatic environment – Acute Hazard Category 3
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 1B	Carcinogenicity Category 1B
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 3	Flammable liquids Category 3

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)

Full text of H-phrases	
	1
Flam. Liq. 4	Flammable liquids Category 4
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1B	Skin sensitization, Category 1B
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
H226	Flammable liquid and vapour
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H350	May cause cancer
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful 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

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