

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 8/5/2015 Revision date: 11/6/2023 Supersedes: 5/7/2020 Version: 2.0

SECTION 1: Identification

SECTION 1: Identification		
1.1. Identification		
Product form Product name Product code Market number	: Mixture : VANILLA & TONKA BEAN I : FR43095 :	FR43095
1.2. Recommended use and restrictions o	n use	
Use of the substance/mixture Recommended use	: Perfumes, fragrances : Perfumes, fragrances	
1.3. Supplier		
Hyggeland Company Stasova 184, 7 - Krasnodar - Russian Federation Phone.: +7 (953) 073-39-63 info@hyggeland.ru		
1.4. Emergency telephone number		
Emergency number	: 1-800-255-3924; +01-813-2 +0-800-591-6042; India: +0	248-0585; China:+400-120-0751; Mexico:+01-800-099-0731; Braz 00-800-100-4086
SECTION 2: Hazard(s) identification		
2.1. Classification of the substance or mix	ture	
GHS-US classification Acute toxicity (oral), Category 4 Skin sensitisation, Category 1 Full text of H-statements: see section 16	H302 H317	Harmful if swallowed. May cause an allergic skin reaction.
2.2. GHS Label elements, including precau	utionary statements	
GHS US labelling		
Hazard pictograms (GHS US)		
Signal word (GHS US)	: Warning	_
Hazard statements (GHS US)	: H302 - Harmful if swallowe	

Precautionary statements (GHS US)

- H317 May cause an allergic skin reaction.
- : P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 - P264 Wash hands thoroughly after handling
 - P270 Do not eat, drink or smoke when using this product.
 - P272 Contaminated work clothing must not be allowed out of the workplace.
 - P280 Wear eye protection, face protection, protective clothing, protective gloves.
 - P301+P312 If swallowed: Call a doctor, a POISON CENTER if you feel unwell.

2.3. Other hazards which do not result in classification

No additional information available

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2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
benzyl benzoate	CAS-No.: 120-51-4	33.6 – 67.2075	Acute Tox. 4 (Oral), H302
Vertofix	CAS-No.: 32388-55-9	2.4 - 4.8804	Skin Sens. 1B, H317 Aquatic Chronic 1, H410
ACETYL HEXAMETHYL TETRALIN	CAS-No.: 21145-77-7	1.6 – 3.2536	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans)	CAS-No.: 63500-71-0	1.4 – 2.7201	Eye Irrit. 2A, H319
Vanillin	CAS-No.: 121-33-5	0.8 – 1.6268	Eye Irrit. 2A, H319
Sandal Mysore Core	CAS-No.: 28219-60-5	0.8 – 1.6268	Skin Irrit. 2, H315

4.1. Description of first aid measures	
First-aid measures general	Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medica advice/attention. Call a poison center or a doctor if you feel unwell. 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 breath fresh air. Allow the victim to rest.
First-aid measures after skin contact	 Wash with plenty of water/ If skin irritation or rash occurs: Get immediate medical advice/attention. Get medical advice/attention. Specific treatment (see Wash skin with plenty of water, Call a physician immediately on this label). Wash contaminated clothing before reuse. Remove affected clothing and wash all exposed skin area with mild soap and water, followed b warm water rinse. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention.
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	: Call a POISON CENTER/doctor if you feel unwell. Do NOT induce vomiting. Obtain emergency medical attention. Rinse mouth. Call a poison center or a doctor if you feel unwell.
4.2. Most important symptoms and effect	cts (acute and delayed)
Potential adverse human health effects and symptoms	: Harmful if swallowed. Based on available data, the classification criteria are not met.
Symptoms/effects	: Suspected of damaging fertility or the unborn child. Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: May cause an allergic skin reaction.
Symptoms/effects after skin contact	: May cause an allergic skin reaction.

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Symptoms/effects after ingestion

: Swallowing a small quantity of this material will result in serious health hazard.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures	
5.1. Suitable (and unsuitable) extinguishing	g media
Suitable extinguishing media Unsuitable extinguishing media	Sand. Water spray. Dry powder. Foam. Carbon dioxide.Do not use a heavy water stream.
5.2. Specific hazards arising from the chem	nical
Hazardous decomposition products in case of fire	: Toxic fumes may be released.
5.3. Special protective equipment and prec	autions for fire-fighters
Firefighting instructions Protection during firefighting	 Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. 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 e	quipment and emergency procedures		
6.1.1. For non-emergency personnel			
Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.		
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.			

0.5. Methods and material for conta	annient and cleaning up
For containment	: Collect spillage.
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.
	Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	

See Section 8. Exposure controls and personal protection. For further information refer to section 13.

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SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling : Ensure good ventilation of the work station. 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 vapour. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Hygiene measures Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. · Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. 7.2. Conditions for safe storage, including any incompatibilities : Keep only in the original container in a cool, well ventilated place away from : Keep away from Storage conditions heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store locked up. 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/personal protection

8.1. Control parameters		
VANILLA & TONKA BEAN FR43095		
No additional information available		
benzyl benzoate (120-51-4)		
No additional information available		
Vertofix (32388-55-9)		
No additional information available		
ACETYL HEXAMETHYL TETRALIN (21145-77-7)		
No additional information available		
tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed	isomers (cis and trans) (63500-71-0)	
No additional information available		
Vanillin (121-33-5)		
USA - AIHA - Occupational Exposure Limits		
WEEL TWA 10) mg/m³	
Sandal Mysore Core (28219-60-5)		
No additional information available		
8.2. Appropriate engineering controls		

Appropriate engineering controls Environmental exposure controls

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8.3. Individual protection measures/Personal protective equipment

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. [In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):



Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: light yellow amber
Odour	: Vanilla
Odour threshold	: No data available
рН	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 93.3 °C
Relative evaporation rate (butylacetate=1)	: No data available
Flammability	: Not applicable.
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: ≈ 1.11
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects		
Acute toxicity (dermal)	Harmful if swallowed. Not classified Not classified	
VANILLA & TONKA BEAN FR43095		
ATE US (oral)	713.125 mg/kg bodyweight	
benzyl benzoate (120-51-4)		
LD50 oral rat	500 mg/kg (Source: NLM_CIP)	
LD50 dermal rabbit	4000 mg/kg (Source: NLM_CIP)	
ATE US (oral)	500 mg/kg bodyweight	
ATE US (dermal)	4000 mg/kg bodyweight	
Vertofix (32388-55-9)		
LD50 dermal rabbit	> 5000 mg/kg (Source: ECHA_API)	
ACETYL HEXAMETHYL TETRALIN (21145-77-7)		
LD50 oral rat	570 mg/kg (Source: NLM_CIP)	
LD50 dermal rabbit	> 5 g/kg (Source: NLM_HSDB)	
ATE US (oral)	570 mg/kg bodyweight	
tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (63500-71-0)		
LD50 dermal rabbit	> 2000 mg/kg (Source: ECHA_API)	
Vanillin (121-33-5)		
LD50 dermal rabbit	> 5010 mg/kg (Source: OECD_SIDS)	

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Skin correction/irritation	. Not eleccified
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-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Potential adverse human health effects and	: Harmful if swallowed. Based on available data, the classification criteria are not met.
symptoms	
Symptoms/effects	: Suspected of damaging fertility or the unborn child. Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: May cause an allergic skin reaction.
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after ingestion	: Swallowing a small quantity of this material will result in serious health hazard.

SECTION 12: Ecological information

12.1. Toxicity		
Ecology - general :	Toxic to aquatic life with long lasting effects.	
benzyl benzoate (120-51-4)		
LC50 - Fish [1]	2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)	
NOEC (chronic)	0.168 mg/l	
Vanillin (121-33-5)		
LC50 - Fish [1]	53 – 61.3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)	
LC50 - Fish [2]	88 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)	
NOEC (acute)	10000 mg/kg (Exposure time: 42 Days - Species: Eisenia foetida [soil dry weight])	
12.2. Persistence and degradability		
VANILLA & TONKA BEAN FR43095		
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		
VANILLA & TONKA BEAN FR43095		
Bioaccumulative potential	Not established.	

benzyl benzoate (120-51-4)		
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 25 °C)	
Bioaccumulative potential	Not established.	

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Vertofix (32388-55-9)			
BCF - Fish [1]	(3920 dimensionless (organ w.w.)		
Partition coefficient n-octanol/water (Log Pow)	5.6 – 5.9		
ACETYL HEXAMETHYL TETRALIN (21145-77-7)			
Partition coefficient n-octanol/water (Log Pow)	5.7 (at 24 °C)		
tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (63500-71-0)			
Partition coefficient n-octanol/water (Log Pow)	1.65 (at 23 °C (at pH >6.09-<6.74)		
Vanillin (121-33-5)			
Partition coefficient n-octanol/water (Log Pow)	1.23 (at 22 °C)		
12.4. Mobility in soil			
No additional information available			

12.5. Other adverse effects

Other information

: Avoid release to the environment.

SECTION 13: Disposal considerations				
13.1. Disposal methods				
Waste treatment methods Product/Packaging disposal recommendations	 Dispose of contents/container in accordance with licensed collector's sorting instructions. Dispose of contents/container in accordance with local/national laws and regulations. Dispose in a safe manner in accordance with local/national regulations. 			
Ecology - waste materials	: Avoid release to the environment.			

14.1. UN number	
DOT NA No	: Not applicable
14.2. UN proper shipping name	
Proper Shipping Name (DOT)	: Not applicable
14.3. Transport hazard class(es)	
DOT Transport hazard class(es) (DOT)	: Not applicable
14.4. Packing group	
Packing group (DOT)	: Not applicable
14.5. Environmental hazards	
Other information	: No supplementary information available.
14.6. Special precautions for user	
DOT No data available	

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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

15.2. International regulations

CANADA

benzyl benzoate (120-51-4)

Listed on the Canadian DSL (Domestic Substances List)

Vertofix (32388-55-9)

Listed on the Canadian DSL (Domestic Substances List)

ACETYL HEXAMETHYL TETRALIN (21145-77-7)

Listed on the Canadian DSL (Domestic Substances List)

tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (63500-71-0)

Listed on the Canadian DSL (Domestic Substances List)

Vanillin (121-33-5)

Listed on the Canadian DSL (Domestic Substances List)

Sandal Mysore Core (28219-60-5)

Listed on the Canadian NDSL (Non-Domestic Substances List)

EU-Regulations

benzyl benzoate (120-51-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Vertofix (32388-55-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

ACETYL HEXAMETHYL TETRALIN (21145-77-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Vanillin (121-33-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

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Sandal Mysore Core (28219-60-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

benzyl benzoate (120-51-4)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on KECL/KECI (Korean Existing Chemicals Inventory) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Japanese Pollutant Release and Transfer Register Law (PRTR Law) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ISHL (Industrial Safety and Health Law) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on the NCI (Vietnam - National Chemical Inventory)

Vertofix (32388-55-9)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on KECL/KECI (Korean Existing Chemicals Inventory) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Japanese Pollutant Release and Transfer Register Law (PRTR Law) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ISHL (Industrial Safety and Health Law) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on the NCI (Vietnam - National Chemical Inventory) Listed on Thailand Existing Chemicals Inventory (DIW)

ACETYL HEXAMETHYL TETRALIN (21145-77-7)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the Japanese ENCS (Existing New Chemical Substances) inventory Listed on KECL/KECI (Korean Existing Chemicals Inventory) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on NZIOC (New Zealand Inventory of Chemicals) Listed on the Japanese ISHL (Industrial Safety and Health Law) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on the NCI (Vietnam - National Chemical Inventory)

tetrahydro-2-isobutyl-4-methylpyran-4-ol, mixed isomers (cis and trans) (63500-71-0)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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Vanillin (121-33-5)

- Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
- Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
- Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

Sandal Mysore Core (28219-60-5)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

Component	State or local regulations
Benzyl acetate(140-11-4)	U.S New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and RegulationsRevision date: 11/06/2023Other information: None.

Full text of H-statements	
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

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: 1 - Materials that, under emergency conditions, can cause significant	
irritation.	
: 1 - Materials that must be preheated before ignition can occur.	
: 0 - Material that in themselves are normally stable, even under fire	
conditions.	
	 irritation. 1 - Materials that must be preheated before ignition can occur. 0 - Material that in themselves are normally stable, even under fire

This SDS is current to the date listed above. However, the GHS classifications may change due to hazard communication updates by the overseeing governing body.