

# FI GH-7 9G79BHI 5 @GHA 6 ANANA NUT BREAD (KYL: F5; F5B79 C=@ Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 08/01/2019 | Revision date: 08/29/2023 | Supersedes: 01/08/2021

Version: 1.2

#### **SECTION 1: Identification**

Identification 1.1.

Product form Mixture

ÜWÙVÔ ÒÙÔÒÞVWOŠÙ™ BANANA NUT BREAD (KY) FRAGRANCE OIL Product name

CAS-No.

#### Recommended use and restrictions on use

No additional information available

#### **Supplier**

IndiMade Brands, LLC DBA Wholesale Supplies Plus 7820 E Pleasant Valley Road Independence, OH 44131 (800) 359-0944 www.WholesaleSuppliesPlus.com

#### 1.4. **Emergency telephone number**

: (800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands

+1 813 248-0585 International

Harmful if swallowed

## SECTION 2: Hazard(s) identification

#### Classification of the substance or mixture

#### **GHS US classification**

**Emergency number** 

Flammable liquids H227 Combustible liquid

Category 4

Acute toxicity (oral) H302 Category 4

Serious eye damage/eye

H319 Causes serious eve irritation

irritation Category 2

Skin sensitization, H317 May cause an allergic skin reaction

Category 1

Full text of H statements : see section 16

## GHS Label elements, including precautionary statements

# **GHS US labeling**

Hazard pictograms (GHS US)



Signal word (GHS US) : Warning

: H227 - Combustible liquid Hazard statements (GHS US) H302 - Harmful if swallowed

> H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation

Precautionary statements (GHS US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smokina.

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 - Wash hands, forearms and face 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 protective gloves/protective clothing/eye protection/face protection. P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell.

P302+P352 - If on skin: Wash with plenty of 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.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P330 - Rinse mouth.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

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P363 - Wash contaminated clothing before reuse.

P370+P378 - In case of fire: Use media other than water to extinguish.

P403+P235 - Store in a well-ventilated place. Keep cool.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 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	30 – 70	Acute Tox. 4 (Oral), H302
ETHYL VANILLIN	(CAS-No.) 121-32-4	5 – 10	Eye Irrit. 2, H319
BENZYL ALCOHOL	(CAS-No.) 100-51-6	1 – 5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation dust,mist), H332 Eye Irrit. 2, H319
VANILLIN	(CAS-No.) 121-33-5	1 – 5	Eye Irrit. 2, H319
2-e hyl-3-hydroxypyran-4-one	(CAS-No.) 4940-11-8	1 – 5	Acute Tox. 4 (Oral), H302
EUGENOL	(CAS-No.) 97-53-0	1 – 5	Eye Irrit. 2, H319 Skin Sens. 1B, H317
VERATRYLALDEHYDE	(CAS-No.) 120-14-9	1 – 5	Acute Tox. 4 (Oral), H302 Skin Sens. 1B, H317
CINNAMAL	(CAS-No.) 104-55-2	1 – 5	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1A, H317

Full text of hazard classes and 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/doctor/physician 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 cautiously with water for several minutes. Remove contact lenses, if present and easy to

do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Call a poison center/doctor/physician if you feel unwell.

#### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact : May cause an allergic skin reaction.

Symptoms/effects after eye contact : Eye irritation.

#### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

# **SECTION 5: Fire-fighting measures**

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

#### 5.2. Specific hazards arising from the chemical

Fire hazard : Combustible liquid.

#### 5.3. Special protective equipment and precautions for fire-fighters

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 measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

## 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 dust/fume/gas/mist/vapors/spray.

#### 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 containment and cleaning up

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.

#### 6.4. Reference to other sections

For further information refer to section 13.

# **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Precautions for safe handling

: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid

contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

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.

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#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Store in a well-ventilated place. Keep cool.

# SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### BENZYL ALCOHOL (100-51-6)

Not applicable

# **VANILLIN (121-33-5)**

Not applicable

## **CINNAMIC ALDEHYDE (104-55-2)**

Not applicable

# **BENZYL BENZOATE (120-51-4)**

Not applicable

## ETHYL MALTOL (4940-11-8)

Not applicable

# ETHYL VANILLIN (121-32-4)

Not applicable

# **VERATRYLALDEHYDE (120-14-9)**

Not applicable

# EUGENOL (97-53-0)

Not applicable

#### 8.2. Appropriate engineering controls

Appropriate engineering controls

: Ensure good ventilation of the work station.

Environmental exposure controls

: Avoid release to the environment.

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## 8.3. Individual protection measures/Personal protective equipment

#### 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 symbol(s):







# **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Color : Mixture contains one or more component(s) which have the following colour(s):

Colourless Light yellow to colourless On exposure to air: yellow-brown Colourless to white On exposure to light: turns yellow On exposure to air: turns yellow Colourless to light yellow White to light yellow On exposure to light: discolours White Yellow White to off-white Light orange-

rose Colourless to light amber On exposure to air: yellow Colourless to brown

Odor : There may be no odour warning properties, odour is subjective and inadequate to warn of

overexposure.

Mixture contains one or more component(s) which have the following odour:

Fruity odour Aromatic odour Mild odour Almond odour Floral odour Pleasant odour Pine odour Lemon odour Characteristic odour Sweet odour Irritating/pungent odour Vinegar odour

Odor threshold : No data available pH : No data available Melting point : Not applicable Freezing point : No data available Boiling point : No data available

Flash point :  $\approx 65 \, ^{\circ}\text{C}$ 

Relative evaporation rate (butyl acetate=1) : No data available : Not applicable. Flammability Vapor pressure : No data available Relative vapor density at 20°C No data available : No data available Relative density : No data available Solubility Partition coefficient n-octanol/water (Log Pow) No data available Auto-ignition temperature : No data available Decomposition temperature No data available No data availableViscosity, kinematic : No data available Viscosity, dynamic : No data available **Explosion limits** No data available Explosive properties : No data available

#### 9.2. Other information

Oxidizing properties

No additional information available

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: No data 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

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

## 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

#### 10.5. Incompatible materials

No additional information available

## 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# **SECTION 11: Toxicological information**

Acute toxicity (oral) : Harmful if swallowed.

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

ATE US (oral)	1872.389 mg/kg body weight	
BENZYL ALCOHOL (100-51-6)		
LD50 oral rat	1620 mg/kg bw/day (Rat, Male, Experimental value, Oral)	
LD50 dermal rabbit	> 2000 mg/kg (Rabbit, Inconclusive, insufficient data, Dermal)	
LC50 Inhalation - Rat	> 4.178 mg/l air (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male/female, Experimental value, Inhalation (aerosol))	
ATE US (oral)	1620 mg/kg body weight	
ATE US (dermal)	2500 mg/kg body weight	
ATE US (dust, mist)	1.5 mg/l/4h	
VANILLIN (121-33-5)		

VANILLIN (121-33-5)	
LD50 oral rat	3300 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
ATE US (oral)	3300 mg/kg body weight

CINNAMIC ALDEHYDE (104-55-2)	
ATE US (oral)	2200 mg/kg body weight
ATE US (dermal)	1100 mg/kg body weight

BENZYL BENZOATE (120-51-4)	
LD50 oral rat	> 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male/female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 2 ml/kg (Modification of Draize 1959 method, 4 h, Rabbit, Experimental value, Dermal)
ATE US (oral)	1500 mg/kg body weight
ATE US (dermal)	4000 mg/kg body weight

ETHYL MALTOL (4940-11-8)	
LD50 oral rat	1150 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit, Dermal)
ATE US (oral)	1150 mg/kg body weight

ETHYL VANILLIN (121-32-4)	
LD50 oral rat	> 3160 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))

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ETHYL VANILLIN (121-32-4)		
ATE US (oral)	3000 mg/kg body weight	
VERATRYLALDEHYDE (120-14-9)		
LD50 oral rat	2000 mg/kg (Rat, Oral)	
ATE US (oral)	2000 mg/kg body weight	
EUGENOL (97-53-0)		
ATE US (oral)	2500 mg/kg body weight	
Skin corrosion/irritation	: Not classified	
Serious eye damage/irritation	: Causes serious eye irritation.	
Respiratory or skin sensitization	: May cause an allergic skin reaction.	
Germ cell mutagenicity	: Not classified	
Carcinogenicity	: Not classified	
EUGENOL (97-53-0)		
IARC group	3 - Not classifiable	
Reproductive toxicity	: Not classified	
STOT-single exposure	: Not classified	
STOT-repeated exposure	: Not classified	
Aspiration hazard	: Not classified	
/iscosity, kinematic	: No data available	
Symptoms/effects after skin contact	: May cause an allergic skin reaction.	
Symptoms/effects after eye contact	: Eye irritation.	
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SECTION 12: Ecological information	tion	
12.1. Toxicity		
Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.	
BENZYL ALCOHOL (100-51-6)		
LC50 - Fish [1]	460 mg/l (EPA OPP 72-1, 96 h, Pimephales promelas, Static system, Fresh water, Experimental value, Nominal concentration)	
EC50 - Crustacea [1]	230 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Fresh water, Experimental value, GLP)	
ErC50 algae	770 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)	
VANILLIN (121-33-5)		
LC50 - Fish [1]	57 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)	
EC50 - Crustacea [1]	36.79 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)	
EC50 - Crustacea [1] ErC50 algae		
ErC50 algae	system, Fresh water, Experimental value, GLP)  120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata,	
	system, Fresh water, Experimental value, GLP)  120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)  2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental	
ErC50 algae  BENZYL BENZOATE (120-51-4)	system, Fresh water, Experimental value, GLP)  120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)  2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)  3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static	
ErC50 algae  BENZYL BENZOATE (120-51-4)  LC50 - Fish [1]  EC50 - Crustacea [1]	system, Fresh water, Experimental value, GLP)  120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)  2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)	
ErC50 algae  BENZYL BENZOATE (120-51-4)  LC50 - Fish [1]	system, Fresh water, Experimental value, GLP)  120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)  2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)  3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static	

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ETHYL VANILLIN (121-32-4)	
EC50 - Crustacea [1]	36.79 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Read-across, GLP)
ErC50 algae	120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Read-across, GLP)

# 12.2. Persistence and degradability

BENZYL ALCOHOL (100-51-6)			
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.		
Biochemical oxygen demand (BOD)	1.6 g O <sub>2</sub> /g substance		
Chemical oxygen demand (COD)	2.4 g O <sub>2</sub> /g substance		
ThOD	2.5 g O <sub>2</sub> /g substance		
VANILLIN (121-33-5)			
Persistence and degradability	Readily biodegradable in water.		
BENZYL BENZOATE (120-51-4)	BENZYL BENZOATE (120-51-4)		
Persistence and degradability	Readily biodegradable in water.		
ETHYL MALTOL (4940-11-8)			
Persistence and degradability	Biodegradability in water: no data available.		
ETHYL VANILLIN (121-32-4)			
Persistence and degradability	Readily biodegradable in water.		
ThOD	1.81 g O <sub>2</sub> /g substance		
BOD (% of ThOD)	0.529 (5 day(s), Literature study)		
VERATRYLALDEHYDE (120-14-9)			
Persistence and degradability	Biodegradability in soil: no data available.		

## 12.3. Bioaccumulative potential

BENZYL ALCOHOL (100-51-6)		
Partition coefficient n-octanol/water (Log Pow)	1 – 1.1 (Experimental value, 20 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
VANILLIN (121-33-5)		
Partition coefficient n-octanol/water (Log Pow)	1.17 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
BENZYL BENZOATE (120-51-4)		
BCF - Fish [1]	2.286 (BCFBAF v3.00, Pisces, QSAR)	
Partition coefficient n-octanol/water (Log Pow)	3.97 (Experimental value, 25 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
ETHYL MALTOL (4940-11-8)		
Bioaccumulative potential	No bioaccumulation data available.	
ETHYL VANILLIN (121-32-4)		
Partition coefficient n-octanol/water (Log Pow)	1.58 (Experimental value, Equivalent or similar to OECD 107, 25 °C)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
VERATRYLALDEHYDE (120-14-9)		
Bioaccumulative potential	No bioaccumulation data available.	

# 12.4. Mobility in soil

BENZYL ALCOHOL (100-51-6)		
Surface tension	39 mN/m (20 °C)	
Ecology - soil	No (test)data on mobility of the substance available.	
VANILLIN (121-33-5)		
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.438 (log Koc, Experimental value)	
Ecology - soil	Low potential for mobility in soil.	

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BENZYL BENZOATE (120-51-4)	
Surface tension	0.027 N/m (210 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)
Ecology - soil	Low potential for mobility in soil.

ETHYL VANILLIN (121-32-4)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	3.092 (log Koc, Equivalent or similar to OECD 106, Experimental value)
Ecology - soil	Low potential for mobility in soil.

#### 12.5. Other adverse effects

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**

### **Department of Transportation (DOT)**

In accordance with DOT

Transport document description (DOT) : UN3082 Environmentally hazardous substances, liquid, n.o.s. (BENZYL BENZOATE), 9, III

UN-No.(DOT) : UN3082

Proper Shipping Name (DOT) : Environmentally hazardous substances, liquid, n.o.s.

BENZYL BENZOATE

Class (DOT) : 9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140

Packing group (DOT) : III - Minor Danger

Hazard labels (DOT) : 9 - Class 9 (Miscellaneous dangerous materials)



DOT Packaging Non Bulk (49 CFR 173.xxx) : 203 DOT Packaging Bulk (49 CFR 173.xxx) : 241

DOT Symbols : G - Identifies PSN requiring a technical name

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DOT Special Provisions (49 CFR 172.102)

: 8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description "Other regulated substances, liquid or solid, n.o.s.", as appropriate. In addition, for solid materials, special provision B54 applies.

146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination.

173 - An appropriate generic entry may be used for this material.

335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as "Environmentally hazardous substances, solid, n.o.s," UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leak-proof when used as bulk packaging.

IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).

T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the

DOT Packaging Exceptions (49 CFR 173.xxx) : 155
DOT Quantity Limitations Passenger aircraft/rail : No limit

(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : No limit

CFR 175.75)

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel.

Emergency Response Guide (ERG) Number

Other information : No supplementary information available.

#### **Transportation of Dangerous Goods**

Not applicable

# Transport by sea

Transport document description (IMDG) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL

BENZOATE), 9, III

UN-No. (IMDG) : 3082

Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Class (IMDG) : 9 - Miscellaneous dangerous substances and articles

Packing group (IMDG) : III - substances presenting low danger

Limited quantities (IMDG) : 5 L

# Air transport

Transport document description (IATA) : UN 3082 Environmentally hazardous substance, liquid, n.o.s. (BENZYL BENZOATE), 9, III

UN-No. (IATA) : 3082

Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s.

Class (IATA) : 9 - Miscellaneous Dangerous Substances and Articles

Packing group (IATA) : III - Low danger

## **SECTION 15: Regulatory information**

15.1. US Federal regulations

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

BENZYL ALCOHOL	CAS-No. 100-51-6	1 – 5%
VANILLIN	CAS-No. 121-33-5	1 – 5%
CINNAMAL	CAS-No. 104-55-2	1 – 5%
BENZYL BENZOATE	CAS-No. 120-51-4	30 – 70%
2-ethyl-3-hydroxypyran-4-one	CAS-No. 4940-11-8	1 – 5%
ETHYL VANILLIN	CAS-No. 121-32-4	5 – 10%
VERATRYLALDEHYDE	CAS-No. 120-14-9	1 – 5%
EUGENOL	CAS-No. 97-53-0	1 – 5%

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

#### 15.2. International regulations

#### **CANADA**

#### **BENZYL ALCOHOL (100-51-6)**

Listed on the Canadian DSL (Domestic Substances List)

#### **VANILLIN (121-33-5)**

Listed on the Canadian DSL (Domestic Substances List)

#### **CINNAMIC ALDEHYDE (104-55-2)**

Listed on the Canadian DSL (Domestic Substances List)

## **BENZYL BENZOATE (120-51-4)**

Listed on the Canadian DSL (Domestic Substances List)

# ETHYL MALTOL (4940-11-8)

Listed on the Canadian DSL (Domestic Substances List)

#### ETHYL VANILLIN (121-32-4)

Listed on the Canadian DSL (Domestic Substances List)

# **VERATRYLALDEHYDE (120-14-9)**

Listed on the Canadian DSL (Domestic Substances List)

#### **EUGENOL (97-53-0)**

Listed on the Canadian DSL (Domestic Substances List)

#### **EU-Regulations**

No additional information available

# **National regulations**

#### BENZYL ALCOHOL (100-51-6)

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

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

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

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

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the Australian HSIS Consolidated List

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

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

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#### **VANILLIN (121-33-5)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

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

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

Listed on the EC Inventory

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

#### **CINNAMIC ALDEHYDE (104-55-2)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

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

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

Listed on the EC Inventory

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

### **BENZYL BENZOATE (120-51-4)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

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

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

Listed on the EC Inventory

Listed on the Australian HSIS Consolidated List

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

#### ETHYL MALTOL (4940-11-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

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

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

Listed on the EC Inventory

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

# ETHYL VANILLIN (121-32-4)

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

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

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

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

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

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#### **VERATRYLALDEHYDE (120-14-9)**

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

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

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

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

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

#### EUGENOL (97-53-0)

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

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

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

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

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

# **SECTION 16: Other information**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 08/29/2023

#### Full text of H-phrases:

F	
H227	Combustible liquid
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful if inhaled

#### SDS US

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.

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