

SECTION 1 — Identification

Product name	Creme Brulee
Supplier name	Lone Star Candle Supply, Inc.
Recommended use	Compound used in customer substance/mixture/product
Supplier address	5800 Park Vista Circle, Keller, TX 76244
Supplier phone	1-800-929-9425
Emergency phone (24h)	CHEMTREC 1-800-424-9300 / +1 703-741-5970

SECTION 2 — Hazards Identification
2.1. Classification of the substance or mixture
GHS US classification

Hazard class	Category	Hazard statement
Acute toxicity (oral)	Category 4	H302 - Harmful if swallowed
Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation
Skin sensitization	Category 1	H317 - May cause an allergic skin reaction

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS US):



Signal word (GHS US):

Warning

Hazard statements (GHS US):

 H302 - Harmful if swallowed
 H317 - May cause an allergic skin reaction
 H319 - Causes serious eye irritation

Precautionary statements (GHS US):

 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.
 P363 - Wash contaminated clothing before reuse.
 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	≥ 70	Acute Tox. 4 (Oral), H302
ETHYL VANILLIN	(CAS-No.) 121-32-4	5 – 10	Eye Irrit. 2, H319
1,3-benzodioxole-5-carbaldehyde	(CAS-No.) 120-57-0	1–5	Skin Sens. 1B, H317
COUMARIN	(CAS-No.) 91-64-5	1–5	Acute Tox. 3 (Oral), H301 Skin Sens. 1B, H317
VANILLIN	(CAS-No.) 121-33-5	1–5	Eye Irrit. 2, H319
2-ethyl-3-hydroxypyran-4-one	(CAS-No.) 4940-11-8	1–5	Acute Tox. 4 (Oral), H302
METHYL CYCLOPENTENOLONE	(CAS-No.) 765-70-8	1–5	Acute Tox. 4 (Oral), H302

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. Get medical advice/attention 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 occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact:	Rinse eyes with water as a precaution. 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.
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5.2. Specific hazards arising from the chemical

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. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.
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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".
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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.
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Other information:	Dispose of materials or solid residues at an authorized site.
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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. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear personal protective equipment.
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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.
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SECTION 8 — Exposure Controls / Personal Protection

8.1. Control parameters

BENZYL BENZOATE (120-51-4)	Not applicable
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METHYL CYCLOPENTENOLONE (765-70-8)	Not applicable
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COUMARIN (91-64-5)	Not applicable
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HELIOTROPIN (120-57-0)	Not applicable
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ETHYL MALTOL (4940-11-8)	Not applicable
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ETHYL VANILLIN (121-32-4)	Not applicable
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VANILLIN (121-33-5)	Not applicable
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8.2. Appropriate engineering controls

Appropriate engineering controls:	Ensure good ventilation of the work station.
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Environmental exposure controls:	Avoid release to the environment.
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8.3. Individual protection measures / Personal protective equipment

Hand protection:	Protective gloves
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Eye protection:	Safety glasses
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Skin and body protection:	Wear suitable protective clothing
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Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment
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PPE symbols:



SECTION 9 — Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
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Color:	Mixture contains one or more component(s) which have the following colour(s): Colourless White Colourless to yellow Colourless to light yellow Yellow Light yellow Colourless to white On exposure to light: turns yellow On exposure to air: turns yellow White to off-white White to light yellow On exposure to light: discolours
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: Pine odour Mild odour Pleasant odour Aromatic odour Irritating/pungent odour Vinegar odour Sweet odour Characteristic odour Unpleasant odour Floral odour Fruity odour Strong odour Odourless
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:	> 100 °C
Relative evaporation rate (butyl acetate=1):	No data available
Flammability (solid, gas):	Not applicable.
Vapor pressure:	No data available
Relative vapor density at 20 °C:	No data available
Relative density:	No data available
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
No data availableViscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosion limits:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available

9.2. Other information

No additional information available

SECTION 10 — Stability and Reactivity

10.1. Reactivity

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

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

None under recommended storage and handling conditions (see section 7).

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

11.1. Information on toxicological effects

Acute toxicity (oral):	Harmful if swallowed.
Acute toxicity (dermal):	Not classified
Acute toxicity (inhalation):	Not classified
ATE US (oral):	1474.686 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

METHYL CYCLOPENTENOLONE (765-70-8)

ATE US (oral)	1067 mg/kg body weight
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COUMARIN (91-64-5)

LD50 oral rat	293 mg/kg body weight (Rat, Male / female, Experimental value, Oral)
ATE US (oral)	293 mg/kg body weight

HELIOTROPIN (120-57-0)

LD50 oral rat	2700 mg/kg (Rat, Oral)
LD50 dermal rat	> 5000 mg/kg (Rat, Dermal)
ATE US (oral)	2700 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))
ATE US (oral)	3000 mg/kg body weight

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

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

COUMARIN (91-64-5)	
IARC group	3 - Not classifiable
Reproductive toxicity:	Not classified
STOT-single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified
Viscosity, kinematic:	No data available
Symptoms/effects after skin contact:	May cause an allergic skin reaction.
Symptoms/effects after eye contact:	Eye irritation.

SECTION 12 — Ecological Information

12.1. Toxicity

Ecology - general:	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
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BENZYL BENZOATE (120-51-4)	
LC50 - Fish [1]	2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
EC50 - Crustacea [1]	3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

COUMARIN (91-64-5)	
LC50 - Fish [1]	2.94 mg/l (96 h, Pisces, QSAR)
EC50 - Crustacea [1]	24.3 – 36.9 mg/l (48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

ETHYL VANILLIN (121-32-4)	
LC50 - Fish [1]	87.6 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, 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)

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)
ErC50 algae	120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

12.2. Persistence and degradability

BENZYL BENZOATE (120-51-4)	
Persistence and degradability	Readily biodegradable in water.
COUMARIN (91-64-5)	
Persistence and degradability	Readily biodegradable in water.
HELIOTROPIN (120-57-0)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
ThOD	1.71 g O ₂ /g substance

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 ₂ /g substance
BOD (% of ThOD)	0.529 (5 day(s), Literature study)
VANILLIN (121-33-5)	
Persistence and degradability	Readily biodegradable in water.
12.3. Bioaccumulative potential	
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).
COUMARIN (91-64-5)	
Partition coefficient n-octanol/water (Log Pow)	1.39 (QSAR, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
HELIOTROPIN (120-57-0)	
Partition coefficient n-octanol/water (Log Pow)	1.05
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).
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).
12.4. Mobility in soil	
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.
COUMARIN (91-64-5)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.63 (log Koc, QSAR)
Ecology - soil	Highly mobile 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.

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.

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 (120-51- 4)), 9, III
UN-No.(DOT):	UN3082
Proper Shipping Name (DOT):	Environmentally hazardous substances, liquid, n.o.s. BENZYL BENZOATE (120-51-4)
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

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 MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx):	155
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27):	No limit
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75):	No limit
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:	171
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 (120-51-4)), 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):	5L
Air transport	
Transport document description (IATA):	UN 3082 Environmentally hazardous substance, liquid, n.o.s. (BENZYL BENZOATE (120-51-4)), 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 - Minor Danger

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

Name	CAS-No.	%
BENZYL BENZOATE	120-51-4	≥ 70%
METHYL CYCLOPENTENOLONE	765-70-8	1 – 5%
COUMARIN	91-64-5	1 – 5%
1,3-benzodioxole-5-carbaldehyde	120-57-0	1 – 5%
2-ethyl-3-hydroxypyran-4-one	4940-11-8	1 – 5%
ETHYL VANILLIN	121-32-4	5 – 10%
VANILLIN	121-33-5	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 BENZOATE (120-51-4)

Listed on the Canadian DSL (Domestic Substances List)

METHYL CYCLOPENTENOLONE (765-70-8)

Listed on the Canadian DSL (Domestic Substances List)

COUMARIN (91-64-5)

Listed on the Canadian DSL (Domestic Substances List)

HELIOTROPIN (120-57-0)

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)

VANILLIN (121-33-5)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

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)

METHYL CYCLOPENTENOLONE (765-70-8)

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 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 the Japanese ENCS (Existing New Chemical Substances) inventory

COUMARIN (91-64-5)

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)

HELIOTROPIN (120-57-0)

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)

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

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)

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

SECTION 16 — Other Information

Revision date: 08/31/2022

Full text of H-phrases

H301	Toxic if swallowed
H302	Harmful if swallowed
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation

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