

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product form : Mixture  
 Trade name : VANILLA BEAN  
 Product code :

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Recommended use : Perfumes, Fragrances

**1.3. Details of the supplier of the safety data sheet**

**1.4. Emergency telephone number**

Emergency number :

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**GHS-US classification**

Flam. Liq. 4 H227  
 Acute Tox. 4 (Oral) H302

Full text of H statements : see section 16

**2.2. Label elements**

**GHS-US labelling**

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) :

Warning

Hazard statements (GHS-US) :

H227 - Combustible liquid  
 H302 - Harmful if swallowed

Precautionary statements (GHS-US) :

P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking  
 P264 - Wash hands thoroughly after handling  
 P270 - Do not eat, drink or smoke when using this product  
 P280 - Wear eye protection, face protection, protective clothing, protective gloves  
 P301+P312 - If swallowed: Call a doctor, a POISON CENTER if you feel unwell  
 P330 - Rinse mouth

**2.3. Other hazards**

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	20 - 40	Acute Tox. 4 (Oral), H302
Vanillin	(CAS-No.) 121-33-5	0.773171 - 3.267271	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319

Allergen report available upon request.

# VANILLA BEAN

## Safety Data Sheet

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

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of 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   | : Assure fresh air breathing. 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. |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.  |
| First-aid measures after ingestion    | : Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting. Obtain emergency medical attention.  |

#### 4.2. Most important symptoms and effects, both acute and delayed

- |                                  |  |
|----------------------------------|--|
| Symptoms/effects                 | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/effects after ingestion | : Swallowing a small quantity of this material will result in serious health hazard.       |

#### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

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|--------------------------------|--|
| Suitable extinguishing media   | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                     |

#### 5.2. Special hazards arising from the substance or mixture

- |                  |  |
|------------------|--|
| Fire hazard      | : Combustible liquid.                              |
| Explosion hazard | : May form flammable/explosive vapour-air mixture. |

#### 5.3. Advice for firefighters

- |                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection.   |

### SECTION 6: Accidental release measures

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

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|------------------|---|
| General measures | : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking. |
|------------------|---|

##### 6.1.1. For non-emergency personnel

- |                      |                                   |
|----------------------|-----------------------------------|
| Emergency procedures | : Evacuate unnecessary personnel. |
|----------------------|-----------------------------------|

##### 6.1.2. For emergency responders

- |                      |  |
|----------------------|--|
| Protective equipment | : Equip cleanup crew with proper protection. |
| Emergency procedures | : Ventilate area.                            |

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

- |                         |  |
|-------------------------|--|
| Methods for cleaning up | : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. |
|-------------------------|--|

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

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|-----------------------------------|--|
| Additional hazards when processed | : Handle empty containers with care because residual vapours are flammable. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. |
|-----------------------------------|--|

# VANILLA BEAN

## Safety Data Sheet

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

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|-------------------------------|--|
| Precautions for safe handling | : No open flames. No smoking. 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. |
| Hygiene measures              | : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.  |

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

- |                            |   |
|----------------------------|---|
| Technical measures         | : Proper grounding procedures to avoid static electricity should be followed.   |
| Storage conditions         | : Keep in fireproof place. 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. |
| Incompatible products      | : Strong bases. Strong acids.   |
| Incompatible materials     | : Heat sources. 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.   |

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

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|-------------------------------|--|
| Personal protective equipment | : Avoid all unnecessary exposure.        |
| Hand protection               | : Wear protective gloves.                |
| Eye protection                | : Chemical goggles or safety glasses.    |
| Respiratory protection        | : Wear appropriate mask.                 |
| 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

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|--|------------------------------------|
| Physical state                             | : Liquid                           |
| Colour                                     | : light yellow amber               |
| Odour                                      | : Vanilla                          |
| Odour threshold                            | : No data available                |
| pH   | : No data available                |
| Relative evaporation rate (butylacetate=1) | : No data available                |
| Melting point                              | : No data available                |
| Freezing point                             | : No data available                |
| Boiling point                              | : No data available                |
| Flash point                                | : 82.22 °C (closed cup) ASTM D7094 |
| Auto-ignition temperature                  | : No data available                |
| Decomposition temperature                  | : No data available                |
| Flammability (solid, gas)                  | : No data available                |
| Vapour pressure                            | : No data available                |
| Relative vapour density at 20 °C           | : No data available                |
| Relative density                           | : ≈ 1.1                            |
| Solubility                                 | :                                  |
| Log Pow                                    | : No data available                |
| Log Kow                                    | : No data available                |
| Viscosity, kinematic                       | : No data available                |
| Viscosity, dynamic                         | : No data available                |
| Explosive properties                       | : No data available                |

# VANILLA BEAN

## Safety Data Sheet

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Oxidising properties : No data available  
Explosive limits : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Combustible liquid. May form flammable/explosive vapour-air mixture. Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Open flame. Overheating. Direct sunlight. Heat. Sparks. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

May release flammable gases. fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Oral: Harmful if swallowed.

#### VANILLA BEAN

ATE US (oral)	536.00522848 mg/kg bodyweight
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Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

#### VANILLA BEAN

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

#### VANILLA BEAN

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Potential adverse human health effects and symptoms : Harmful if swallowed. Based on available data, the classification criteria are not met.

Symptoms/effects after ingestion : Swallowing a small quantity of this material will result in serious health hazard.

## SECTION 12: Ecological information

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

#### VANILLA BEAN

Persistence and degradability	Not established.
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### 12.3. Bioaccumulative potential

#### VANILLA BEAN

Bioaccumulative potential	Not established.
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# VANILLA BEAN

## Safety Data Sheet

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### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

- Effect on ozone layer : No additional information available
- Effect on the global warming : No known effects from this product.
- Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

- Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local/national laws and regulations. Dispose in a safe manner in accordance with local/national regulations.
- Additional information : Handle empty containers with care because residual vapours are flammable.
- Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with DOT  
Not regulated for transport

### Additional information

- Other information : No supplementary information available.

### ADR

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

### 15.2. International regulations

#### CANADA

##### Vanillin (121-33-5)

Listed on the Canadian DSL (Domestic Substances List)

##### Benzyl benzoate (120-51-4)

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

##### Vanillin (121-33-5)

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

##### Benzyl benzoate (120-51-4)

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

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not determined

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

##### 15.2.2. National regulations

# VANILLA BEAN

## Safety Data Sheet

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

### Vanillin (121-33-5)

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on Turkish inventory of chemical  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

### Benzyl benzoate (120-51-4)

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on Turkish inventory of chemical  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

### 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

## SECTION 16: Other information

Other information : None.

Full text of H-statements:

H227	Combustible liquid
H302	Harmful if swallowed
H319	Causes serious eye irritation

NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard : 2 - Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.

