

Safety Data Sheet

Printing date 01/28/2013

Reviewed on 08/15/2008

1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** PECAN PIE FR
- **Article number:** N016
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the preparation:** *Fragrance*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Camden-Grey Essential Oils
3567 NW 82 Avenue, Doral, FL 33122
Tel: 305-500-9630, Fax: 305-500-9425
Email: customerservice@camdengrey.com
www.camdengrey.com
- **Information department:** *Technical Services Département*

2 Hazards identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Repr. 2 H361 Suspected of damaging fertility or the unborn child.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Skin Sens. 1 H317 May cause an allergic skin reaction.

H227 Combustible liquid.

- **Label elements**
- **GHS label elements**
The product is classified and labelled according to the Globally Harmonized System (GHS).
- **Hazard pictograms** GHS07, GHS08
- **Signal word** *Warning*
- **Hazard-determining components of labelling:**
Benzyl benzoate
METHYL CINNAMIC ALDEHYDE
2-ethyl-3-hydroxy-4-pyrone
VANILLIN
- **Hazard statements**
Combustible liquid.
Harmful if swallowed.
May cause an allergic skin reaction.

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Suspected of damaging fertility or the unborn child.

· **Precautionary statements**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wear protective gloves/protective clothing/eye protection/face protection.

Specific treatment (see on this label).

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**· **NFPA ratings (scale 0 - 4)**

Health = 2
Fire = 2
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**

Health = 2
Fire = 2
Reactivity = 0

· **Other hazards**· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**· **Description:** Mixture of the substances listed below with nonhazardous additions.· **Dangerous components:**

120-51-4	Benzyl benzoate ⚠ Acute Tox. 4, H302
101-39-3	METHYL CINNAMIC ALDEHYDE ⚠ Skin Sens. 1, H317; H227
104-61-0	ALDEHYDE C-18
4940-11-8	2-ethyl-3-hydroxy-4-pyrone ⚠ Acute Tox. 3, H301
80-71-7	METHYL CYCLO PENTENOLONE ⚠ Acute Tox. 3, H301

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121-33-5	VANILLIN	◆ Acute Tox. 4, H302; Skin Sens. 1, H317
	ANISIC ALDEHYDE	◆ Acute Tox. 4, H302
91-64-5	Coumarin	◆ Acute Tox. 3, H301; ◆ Skin Sens. 1, H317
105-54-4	ETHYL BUTYRATE	◆ Flam. Liq. 3, H226
105-37-3	ethyl propionate	◆ Flam. Liq. 2, H225
600-14-6	pentane-2,3-dione	◆ Flam. Liq. 2, H225
100-52-7	benzaldehyde	◆ Acute Tox. 4, H302; H227
80-54-6	LILLIAL	◆ Repr. 2, H361; ◆ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317
137-00-8	5-(2-Hydroxyethyl)-4-methylthiazole	

4 First aid measures

- **Description of first aid measures**

- **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

- **After eye contact:** Rinse opened eye for several minutes under running water.

- **After swallowing:** Immediately call a doctor.

- **Information for doctor:**

- **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Firefighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **Special hazards arising from the substance or mixture** No further relevant information available.

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- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

· Components with limit values that require monitoring at the workplace:

121-33-5 VANILLIN

WEEL	10 mg/m ³
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- **Additional information:** The lists that were valid during the creation were used as basis.

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· **Exposure controls**· **Personal protective equipment:**· **General protective and hygienic measures:***Keep away from foodstuffs, beverages and feed.**Immediately remove all soiled and contaminated clothing.**Wash hands before breaks and at the end of work.*· **Breathing equipment:***In case of intensive or long exposure in low ventilation areas, it is suggested that a respiratory protective device be used.*· **Protection of hands:**

Protective gloves

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.**Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.**Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation*· **Material of gloves***The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.*· **Penetration time of glove material***The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.*· **Eye protection:** Goggles recommended during refilling.**9 Physical and chemical properties**· **Information on basic physical and chemical properties**· **General Information**· **Appearance:****Form:** liquid**Color:** According to product specification· **Odor:** Characteristic· **Odour threshold:** Not determined.· **pH-value:** Not determined.· **Change in condition****Melting point/Melting range:** Undetermined.**Boiling point/Boiling range:** 148 °C (298 °F)

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· Flash point:	76 °C (169 °F)
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	480 °C (896 °F)
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Not determined.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapor pressure at 20 °C (68 °F):	0.672 hPa (1 mm Hg)
· Specific gravity:	1.1009
· Refractive Index @ 20C	1.5613
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	0.1 %
Solids content:	11.6 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

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11 Toxicological information· **Information on toxicological effects**· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:****120-51-4 Benzyl benzoate**

Oral LD50 1700 mg/kg (rat)

Dermal LD50 4000 mg/kg (rabbit)

· **Primary irritant effect:**· **on the skin:** No irritant effect.· **on the eye:** No irritating effect.· **Sensitization:** Sensitization possible through skin contact.· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Irritant

· **Carcinogenic categories**· **IARC (International Agency for Research on Cancer)**

91-64-5 Coumarin

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· **NTP (National Toxicology Program)**

None of the ingredients are listed.

12 Ecological information· **Toxicity**· **Aquatic toxicity:** No further relevant information available.· **Persistence and degradability** No further relevant information available.· **Behavior in environmental systems:**· **Bioaccumulative potential** No further relevant information available.· **Mobility in soil** No further relevant information available.· **Additional ecological information:**· **General notes:**

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.· **Other adverse effects** No further relevant information available.

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13 Disposal considerations

- *Waste treatment methods*
- *Recommendation:*
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- *Uncleaned packagings:*
- *Recommendation:* Disposal must be made according to official regulations.

14 Transport information

- | | |
|---|------------------------|
| · <i>UN-Number</i> | |
| · <i>DOT, ADR, ADN, IMDG, IATA</i> | <i>Void</i> |
| · <i>UN proper shipping name</i> | |
| · <i>DOT, ADR, ADN, IMDG, IATA</i> | <i>Void</i> |
| · <i>Transport hazard class(es)</i> | |
| · <i>DOT, ADR, ADN, IMDG, IATA</i> | |
| · <i>Class</i> | <i>Void</i> |
| · <i>Packing group</i> | |
| · <i>DOT, ADR, IMDG, IATA</i> | <i>Void</i> |
| · <i>Environmental hazards:</i> | |
| · <i>Marine pollutant:</i> | <i>No</i> |
| · <i>Special precautions for user</i> | <i>Not applicable.</i> |
| · <i>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</i> | <i>Not applicable.</i> |
| · <i>UN "Model Regulation":</i> | - |

15 Regulatory information

- *Safety, health and environmental regulations/legislation specific for the substance or mixture*
- *Sara*
- *Section 355 (extremely hazardous substances):*
None of the ingredient is listed.
- *Section 313 (Specific toxic chemical listings):*
None of the ingredients is listed.
- *TSCA (Toxic Substances Control Act):*
All ingredients are listed.

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· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients are listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients are listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients are listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients are listed.

· **GHS label elements**

The product is classified and labelled according to the Globally Harmonized System (GHS).

· **Hazard pictograms** GHS07, GHS08

· **Signal word** Warning

· **Hazard-determining components of labelling:**

Benzyl benzoate

METHYL CINNAMIC ALDEHYDE

2-ethyl-3-hydroxy-4-pyrone

VANILLIN

· **Hazard statements**

Combustible liquid.

Harmful if swallowed.

May cause an allergic skin reaction.

Suspected of damaging fertility or the unborn child.

· **Precautionary statements**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wear protective gloves/protective clothing/eye protection/face protection.

Specific treatment (see on this label).

Store locked up.

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Dispose of contents/container in accordance with local/regional/national/international regulations.
 • **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Technical Services Department
- **Contact:** Technical Services Department
- **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent