

# 0680 – Cheesecake Flavor, Natural and Artificial

## Safety Data Sheet

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

Date of issue: 05/09/2018 Version: 3

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

#### 1.1. Product identifier

Product name : 0680 – Cheesecake Flavor, Natural and Artificial  
Product form : Mixture

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

Use of the substance/mixture : Food industry: component

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

LorAnn Oils, Inc.  
4518 Aurelius Road  
Lansing, MI 48910  
Telephone: 1.800.862.8620

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC: Within USA and Canada: 1.800.424.9300 Outside USA and Canada: +1 703 527 3887

### SECTION 2: Hazards identification

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

##### Classification (GHS-US)

Skin Irritant 2 H315 Causes skin irritation.  
Spec. target organ toxicity, single exposure 3 H335 May cause respiratory irritation.  
Eye irritant 2A H319 Causes serious eye irritation.  
Skin Sens. 1 H317 May cause an allergic skin reaction.

#### 2.2. Label elements

##### GHS-US labeling

GHS label elements: The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms :



GHS07

Signal word (GHS-US) : Warning  
Hazard-determining components of labelling Ethyl alcohol  
ETHYL VANILLIN  
ACETYL PROPIONYLHazard statements (GHS-US) : Causes skin irritation  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
May cause respiratory irritation.Precautionary statements (GHS-US) : Avoid breathing dust/fume/gas/mist/vapors/spray  
Wear protective gloves/eye protection/face protection.  
Wash thoroughly after handling.  
Contaminated work clothing must not be allowed out of the workplace.  
Wash contaminated clothing before reuse.  
Use only outdoors or in a well-ventilated area.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Specific treatment (see on this label).  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a poison center/doctor if you feel unwell.  
If skin irritation or rash occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
If on skin: Wash with plenty of water.  
Take off contaminated clothing and wash it before reuse.  
Store locked up.  
Store in a well-ventilated place. Keep container tightly closed.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

**Classification system:**

NFPA ratings (scale 0-4)

Health = 2

Fire = 1

Reactivity = 0

HMIS-ratings (scale 0-4)

Health = 2

Fire = 1

Reactivity = 0

### 2.3. Other hazards

Results of PBT and vPvB assessment

PBT: *Not applicable*

vPvB: *Not applicable*

## SECTION 3: Composition/information on ingredients :

**Description:** Mixture of the substances listed below with non-hazardous additions.

<b>Dangerous Components:</b>		
56-81-5	glycerol	50-100%
64-17-5	Ethyl alcohol <i>Flam liq. 2, H225; Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320</i>	25-50%
121-32-4	Ethyl vanillin <i>Acute Tox. 4, H302; Skin irrit. 2, H315; Eye irrit. 2A, H319; STOT SE 3 H335</i>	≥0.1-<2.5%
121-33-5	Vanillin <i>Acute Tox. 4, H302</i>	≥0.1-<2.5%
600-14-6	Acetyl Propionyl <i>Flam. Liq. 2, H225; STOT RE 2, H373; Eye Dam. 1, H318; Acute tox. 4, H332; Skin irrit. 2, H315; Skin sens. 1, H317; STOT SE 3, H335</i>	≥0.1-≤1%

Full text of H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures 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.
- First-aid measures after skin contact : Immediately wash with water and soap and rinse thoroughly.
- First-aid measures after eye contact : Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- First-aid measures after ingestion : If symptoms persist consult doctor.

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

No further relevant information available.

## SECTION 5 : Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Fight larger fires with water spray or alcohol resistant foam.

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

No further relevant information available.

### 5.3. Advice for firefighters

Protection during firefighting : No special measures required.

## SECTION 6 : Accidental release measures

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

Not required

### 6.2. Environmental precautions

Dilute with plenty of water.  
Do not allow to enter sewers/surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)  
Ensure adequate ventilation.

### 6.4. 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.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : No special precaustins are necessary if used correctly.  
Information about protection against explosions and fires : No special measures required.

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

Storage : Store in tightly sealed containers in a cool, dry place that is well ventilated. Away from heat, spark, and open flame.

### 7.3. Specific end use(s)

No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Components with limit values that require monitoring at the workplace: The following constituents are the only constituents of the product which have a PEL, TL or other recommended exposure limits.

*At this time, the other constituents have no known exposure limits.*

<b>56-81-5 glycerol</b>	
PEL	Long-term value: 15* 5** mg/m <sup>3</sup> mist; *total dust **respirable fraction
TLV	TLV withdrawn-insufficient data human occup. exp.
<b>64-17-5 ethyl alcohol</b>	
PEL	Long-term value: 1900 mg/m <sup>3</sup> , 1000 ppm
REL	Long-term value: 1900 mg/m <sup>3</sup> , 1000 ppm

## 64-17-5 ethyl alcohol

TLV	Short-term value: 1880 mg/m <sup>3</sup> , 1000 ppm
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## 121-33-5 vanillin

WEEL	Long-term value: 10 mg/m <sup>3</sup>
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Additional information: *The lists that were valid during the creation were used as basis.*

### 8.2. Exposure controls

Personal protective equipment

General protective and hygienic measures : Wash hands before breaks and at the end of work.  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Avoid contact with the eyes.

Hand protection : Avoid contact with the eyes and skin.  
: 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 cannot 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 manufacture of the protective gloves and has to be observed.

Respiratory protection : In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Eye protection : Tightly sealed goggles

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Color	: According to product specification
Odor	: Characteristic
Odor threshold	: Not determined
pH	: Not determined
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 172.4°F
Flash point	: >199.4 °F
Ignition temperature	: 752°F
Danger of explosion	: Product does not present an explosion hazard
Explosion limits	
Lower:	: 0.9 Vol %
Upper:	: 15 Vol %
Vapor pressure at 68°F	: 59 hPa (44.3 mm Hg)
Relative density	: Not determined
Vapor density	: Not determined
Evaporation rate	: Not determined
Solubility	: Fully miscible in water
Organic solvents	: 93.4%

VOC content : 38.31%  
403.1g/l / 3.36 lb/gl  
Viscosity, dynamic : Not determined  
Solids content : 5.7%

## 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No further relevant information available.

### 10.2. Chemical stability

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

### 10.4. Conditions to avoid

No further relevant information available.

### 10.5. Incompatible materials

No further relevant information available.

### 10.6. Hazardous decomposition products

No dangerous decomposition products know.

### 10.7. Thermal decomposition / conditions to be avoided

No decomposition if used according to specifications.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Carcinogenic categories:

IARC (International Agency for Research on Cancer)	
64-17-5	Ethyl alcohol
NTP (National Toxicology Program)	
None of the ingredients is listed.	
OSHA-Ca (Occupational Safety & Health Administration)	
None of the ingredients is listed.	

Skin corrosion/irritation : No irritant effect  
Primary irritant effect on the eye : Irritating effect  
Sensitization : Sensitization possible through skin contact  
The product shows the following dangers according to internally approved calculation methods for preparations : Irritant

## SECTION 12: Ecological information

### 12.1. Toxicity

Aquatic toxicity : No further relevant information available  
Persistence and degradability : No further relevant information available

### 12.2. Behavior in environmental systems

Bio accumulative potential : No further relevant information available  
Mobility in soil : No further relevant information available

## 12.3. Additional Ecological Information

General notes:

Water hazard class 1 (Self-assessment):slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : 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.

Recommended cleansing agent : Water, if necessary with cleansing agents.

## SECTION 14: Transport information

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

## SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

**Sara**

### Section 355 (extremely hazardous substances):

None of the ingredients is listed

### Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

### TSCA (Toxic Substances Control Act)

All ingredients are listed.

**TSCA new (21<sup>st</sup> Century Act) (Substances not listed)**

**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 is listed

### Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:**

64-17-5 ethyl alcohol

**Carcinogenic categories****EPA (Environmental Protection Agency)**

None of the ingredients is listed.

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

64-17-5 ethyl alcohol

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

None of the ingredients is listed

- **GHS label elements:** The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



GHS07

- **Signal word:** Warning
- **Hazard-determining components of labelling:**
  - Ethyl alcohol
  - Ethyl VANILLIN
  - ACETYL PROPIONYL
- **Hazard statements:**
  - Causes skin irritation.
  - Causes serious eye irritation.
  - May cause an allergic skin reaction.
  - May cause respiratory irritation.
- **Precautionary statements:**
  - Avoid breathing dust/fume/gas/mist/vapors/spray
  - Wear protective gloves/eye protection/face protection.
  - Wash thoroughly after handling.
  - Contaminated work clothing must not be allowed out of the workplace.
  - Wash contaminated clothing before reuse.
  - Use only outdoors or in a well-ventilated area.
  - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - Specific treatment (see on this label).
  - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  - Call a poison center/doctor if you feel unwell.
  - If skin irritation or rash occurs: Get medical advice/attention.
  - If eye irritation persists: Get medical advice/attention.
  - If on skin: Wash with plenty of water.
  - Take off contaminated clothing and wash it before reuse.
  - Store locked up.
  - Store in a well-ventilated place. Keep container tightly closed.
  - Dispose of contents/container in accordance with local/regional/national/international regulations. **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

### Other information

: **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

- **Relevant phrases**

H225 Highly flammable liquid and vapor.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H320 Causes eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H373 May cause damage to organs through prolonged or repeated exposure.

- **Department issuing SDS:** *Environment protection department.*

- **Date of preparation / last revision:** *05/09/2018*

- **Abbreviations and acronyms:**

*ADR: Accord European 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*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*NFPA: National Fire Protection Association (USA)*

*HMIS: Hazardous Materials Identification System (USA)*

*VOC: Volatile Organic Compounds (USA, EU)*

*PBT: Persistent, Bio accumulative and Toxic*

*vPvB: very Persistent and very Bio accumulative*

*NIOSH: National Institute for Occupational Safety*

*OSHA: Occupational Safety & Health*

*TLV: Threshold Limit Value*

*PEL: Permissible Exposure Limit*

*REL: Recommended Exposure Limit*

*Flam. Liq. 2: Flammable liquids, Hazard Category 2*

*Acute Tox. 4: Acute toxicity, Hazard Category 4*

*Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2*

*Eye Dam. 1: Serious eye damage/eye irritation – Category 1*

*Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A*

*Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B*

*Skin Sens. 1: Skin sensitisation – Category 1*

*STOT SE 3: Specific target organ toxicity – Single exposure, Category 3*

*STOT RE 2: Specific target organ toxicity – Repeated exposure, Category 2*