

# 0310 – Vanilla Butternut 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: 08/28/2018 Version: 2

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

#### 1.1. Product identifier

Product name : 0310 – Vanilla Butternut 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

This product is not classified according to the Globally Harmonized System (GHS)

#### 2.2. Label elements

- GHS label elements Void
- Hazard pictograms Void
- Signal word Void
- Hazard statement Void
- Classification system:
  - NFPA ratings (scale 0-4)
    - Health = 0
    - Fire = 1
    - Reactivity = 0
  - HMIS-ratings (scale 0-4)
    - Health = 0
    - Fire = 1
    - Reactivity = 0
- Other hazards
  - Results of PBT and vPvB assessment
    - PBT: Not applicable
    - vPvB: Not applicable

### SECTION 3: Composition/information on ingredients :

**Chemical characterization:** Mixtures

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

<b>Dangerous Components:</b>		
57-55-6	Propylene glycol	10-25%

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

General information	: No special measures required.
First-aid measures after inhalation	: Supply fresh air; consult doctor in case of complaints.
First-aid measures after skin contact	: Generally the product does not irritate the skin.
First-aid measures after eye contact	: Rinse opened eye for several minutes under running water.
First-aid measures after swallowing	: If symptoms persist consult 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.

## 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).

### 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 measures required.  
Information about protection against explosions and fires : No special measures required.

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

Requirements to be met by storerooms and receptacles : Store in tightly sealed containers in a cool, dry place that is well ventilated. Away from heat, spark, and open flame.  
Information about storage in one common storage facility : Not required.  
Further information about storage conditions : None

### 7.3. Specific end use(s)

No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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

Components with limit values that require monitoring at the workplace:

<b>57-55-6 Propylene glycol</b>	
<i>WEEL</i>	<i>Long-term value: 10 mg/ m<sup>3</sup></i>

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	: The usual precautionary measures for handling chemicals should be followed.
Hand protection	: 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 products/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.
Breathing equipment	: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.
Eye protection	: Goggles recommended during refilling.

## 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	: Undetermined
Freezing point	: No data available
Boiling point	: 212°F
Flash point	: >199°F
Ignition temperature	: 699°F
Decomposition temperature	: Not determined
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Vapor pressure at 20 °C	: 23 hPa
Relative density	: Not determined
Density	: Not determined
Solubility	: Fully miscible in water
Organic solvents	: 22.8%
Water	: 69.0%
VOC content	: 22.77%
	233.5 g/l / 1.95 lb/gl
Viscosity, dynamic	: Not determined
Danger of explosion	: Product does not present an explosion hazard.

Oxidizing properties : No data available  
Solids content : 1.8%

## 9.2. Other information

No further relevant 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 known.

### 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:

<b>IARC (International Agency for Research on Cancer)</b>	
None of the ingredients is listed.	
<b>NTP (National Toxicology Program)</b>	
None of the ingredients is listed.	
<b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>	
None of the ingredients is listed.	

Skin irritation : No irritant effect  
 Serious eye irritation : No irritating effect.  
 Sensitization : No sensitizing effects known.  
 Additional toxicological information : The product is not subject to classification according to internally approved calculation methods for preparations.  
 : When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## 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

Bioaccumulative 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 : Smaller quantities can be disposed of with household waste.  
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 <i>proper shipping name</i> DOT, ADN, IMDG, IATA	<i>Not regulated</i>
<i>Transport hazard class(es)</i> DOT, ADN, IMDG, IATA <i>Class</i>	<i>Not regulated</i>
<i>Packing Group</i> DOT, IMDG, IATA	<i>Not regulated</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>
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)

#### Carcinogenic categories

### EPA (Environmental Protection Agency)

None of the ingredients is listed.

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

None of the ingredients is listed.

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

None of the ingredients is listed

- **GHS label elements:** *Void*
- **Hazard pictogram:** *Void*
- **Signal word:** *Void*
- **Hazard statements:** *Void.*
- **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.

- **Abbreviations and acronyms:**

*ADR: Accord europeen 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 Confernece 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: Natinal Fire Protection Association (USA)*

*HMIS: Hazardous Materials Identification System (USA)*

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

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*NIOSH: National Institute for Occupational Safety*

*OSHA: Occupational Safety & Health*

*TLV: Threshold Limit Value*

*PEL: Permissible Exposure Limit*

*REL: Recommenced Exposure Limit*