

## Safety Data Sheet

### Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1 Product identifier

**Product Name** • **MEZ-5120 Butter Flavor - Oil Based**

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

**Relevant identified use(s)** • Flavor

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

**Manufacturer** • Mezzoni Foods Inc  
33440 Western Ave  
Union City, CA 94587  
[www.mezzonifoods.com](http://www.mezzonifoods.com)  
**Telephone (General)** • 510-393-3115

#### 1.4 Emergency telephone number

**Manufacturer** • 800-424-9300 - CHEMTREC

### Section 2: Hazards Identification

#### EU/EEC

According to Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]  
According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

#### 2.1 Classification of the substance or mixture

**CLP** • Flammable Liquids 3 - H226  
**DSD/DPD** • Flammable  
R10

#### 2.2 Label Elements

**CLP**

#### WARNING



**Hazard statements** • H226 - Flammable liquid and vapour

#### Precautionary statements

**Prevention** • P210 - Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground and/or bond container and receiving equipment.  
P241 - Use explosion-proof electrical/ventilating/lighting/equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

- Response** ● P370+P378 - In case of fire: Use appropriate media for extinction.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- Storage/Disposal** ● P403+P235 - Store in a well-ventilated place. Keep cool.  
P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**DSD/DPD**

- Risk phrases** ● R10 - Flammable.

**2.3 Other Hazards**

- CLP** ● According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.
- DSD/DPD** ● According to European Directive 1999/45/EC this material is considered dangerous.

**United States (US)**

According to OSHA 29 CFR 1910.1200 HCS

**2.1 Classification of the substance or mixture**

- OSHA HCS 2012** ● Flammable Liquids 3 - H226

**2.2 Label elements**

OSHA HCS 2012

**WARNING**

- Hazard statements** ● Flammable liquid and vapour - H226

**Precautionary statements**

- Prevention** ● Keep away from heat, sparks, open flames and/or hot surfaces. - P210  
Keep container tightly closed. - P233  
Ground and/or bond container and receiving equipment. - P240  
Use explosion-proof electrical/ventilating/lighting/equipment. - P241  
Use only non-sparking tools. - P242  
Take precautionary measures against static discharge. - P243  
Wear protective gloves/protective clothing/eye protection/face protection. - P280

- Response** ● In case of fire: Use appropriate media for extinction. - P370+P378  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. - P303+P361+P353

- Storage/Disposal** ● Store in a well-ventilated place. Keep cool. - P403+P235  
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

**2.3 Other hazards**

- OSHA HCS 2012** ● Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

**Section 3 - Composition/Information on Ingredients****3.1 Substances**

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

## 3.2 Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Soybean oil	CAS:8001-22-7 EINECS:232-274-4	90% TO 99%	NDA	EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
Natural flavor	Proprietary	2.739%	Ingestion/Oral-Rat LD50 • >5 g/kg Skin-Rabbit LD50 • >5 g/kg	EU DSD/DPD: Self Classified: Xi R38 EU CLP: Self Classified: Skin Irrit. 2, H315 OSHA HCS 2012: Flam. Liq. 3; Skin Irrit. 2	NDA
Natural flavor	Proprietary	1.035%	Inhalation-Rabbit LC50 • >40 g/m <sup>3</sup> Skin-Rabbit LD50 • 530 mg/kg Ingestion/Oral-Rat LD50 • 1500 mg/kg	EU DSD/DPD: Annex VI, Table 3.2: C R34 EU CLP: Annex VI, Table 3.1: Skin Corr. 1B, H314 OSHA HCS 2012: Flam. Liq. 4; Acute Tox. 3 (skn); Acute Tox. 4 (oral); Skin Corr. 1C; Eye Dam. 1	NDA
Natural flavor	Proprietary	0.151%	Ingestion/Oral-Rat LD50 • 2600 mg/kg Skin-Rabbit LD50 • 500 µL/kg	EU DSD/DPD: Annex VI, Table 3.2: C R34 EU CLP: Annex VI, Table 3.1: Skin Corr. 1B, H314 OSHA HCS 2012: Flam. Liq. 3; Skin Corr. 1B; Eye Dam. 1; Acute Tox. 3 (skn)	NDA
Natural flavor	Proprietary	0.019%	Ingestion/Oral-Rat LD50 • 3300 mg/kg Inhalation-Rat LC50 • 40250 ppm Skin-Rabbit LD50 • >5 g/kg	EU CLP: Community workplace exposure limit OSHA HCS 2012: Exposure limit(s)	NDA

See Section 16 for full text of H-statements and R-phrases.

## Section 4 - First Aid Measures

### 4.1 Description of first aid measures

#### Inhalation

- Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Move victim to fresh air.

#### Skin

- In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin. In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing. Wash skin with soap and water.

#### Eye

- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes.

#### Ingestion

- Get medical attention if symptoms occur.

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

- Refer to Section 11 - Toxicological Information.

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

#### Notes to Physician

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## Section 5 - Firefighting Measures

### 5.1 Extinguishing media

**Suitable Extinguishing Media**

- LARGE FIRES: Water spray, fog or alcohol-resistant foam.  
SMALL FIRES: Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

**Unsuitable Extinguishing Media**

- No data available

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

**Unusual Fire and Explosion Hazards**

- Containers may explode when heated.  
Vapor explosion hazard indoors, outdoors or in sewers.  
HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames.  
Many liquids are lighter than water.  
Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).  
Runoff to sewer may create fire or explosion hazard.  
Vapors may form explosive mixtures with air.  
Vapors may travel to source of ignition and flash back.

**Hazardous Combustion Products**

- No data available

### 5.3 Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection.  
Wear positive pressure self-contained breathing apparatus (SCBA).  
Move containers from fire area if you can do it without risk.  
LARGE FIRES: Cool containers with flooding quantities of water until well after fire is out.

## Section 6 - Accidental Release Measures

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

**Personal Precautions**

- Do not walk through spilled material. Wear appropriate personal protective equipment, avoid direct contact.

**Emergency Procedures**

- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions. LARGE SPILL: Consider initial downwind evacuation for at least 300 meters (1000 feet) ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

### 6.2 Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.

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

**Containment/Clean-up Measures**

- Stop leak if you can do it without risk.  
Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.  
Use clean non-sparking tools to collect absorbed material.  
A vapor suppressing foam may be used to reduce vapors.  
All equipment used when handling the product must be grounded.  
LARGE SPILLS: Dike far ahead of liquid spill for later disposal.  
LARGE SPILLS: Water spray may reduce vapor; but may not prevent ignition in closed spaces.

### 6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

## Section 7 - Handling and Storage

## 7.1 Precautions for safe handling

### Handling

- Use only in well ventilated areas. Use good safety and industrial hygiene practices. Keep away from fire, sparks and heated surfaces. Take precautionary measures against static charges. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

## 7.2 Conditions for safe storage, including any incompatibilities

### Storage

- Keep away from sources of ignition – No Smoking. Keep container/package tightly closed in a cool, well-ventilated place.

## 7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

## Section 8 - Exposure Controls/Personal Protection

### 8.1 Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Canada Ontario	Canada Quebec	China	Denmark
Natural flavor (Proprietary)	TWAs	10 ppm TWA	10 ppm TWA	Not established	Not established	Not established
Natural flavor (Proprietary)	STELs	Not established	Not established	Not established	60 mg/m3 STEL	Not established
	TWAs	10 ppm TWA	10 ppm TWA	10 ppm TWAEV; 30 mg/m3 TWAEV	30 mg/m3 TWA	10 ppm TWA; 31 mg/m3 TWA
Exposure Limits/Guidelines (Con't.)						
	Result	Germany DFG	Germany TRGS	NIOSH		
Natural flavor (Proprietary)	STELs	Not established	Not established	15 ppm STEL; 45 mg/m3 STEL		
	TWAs	Not established	10 ppm TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2); 31 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2)	10 ppm TWA; 30 mg/m3 TWA		
	Ceilings	20 ppm Peak; 62 mg/m3 Peak	Not established	Not established		
	MAKs	10 ppm TWA MAK; 31 mg/m3 TWA MAK	Not established	Not established		

### Exposure Control Notations

#### Germany DFG

- Natural flavor (Proprietary): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to)

### 8.2 Exposure controls

#### Engineering Measures/Controls

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other

engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Use only appropriately classified electrical equipment.

## Personal Protective Equipment

### Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

### Eye/Face

- Wear safety glasses.

### Skin/Body

- Wear appropriate gloves.

## Environmental Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

### Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

STEL = Short Term Exposure Limits are based on 15-minute exposures

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

TWAEV = Time-Weighted Average Exposure Value

NIOSH = National Institute of Occupational Safety and Health

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

## Section 9 - Physical and Chemical Properties

### 9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Yellow liquid with a strong butter type odor.
Color	Yellow	Odor	Strong butter type odor.
Odor Threshold	Data lacking		
General Properties			
Boiling Point	Data lacking	Melting Point	Data lacking
Decomposition Temperature	Data lacking	pH	3.4 to 4
Specific Gravity/Relative Density	0.912 Water=1	Water Solubility	Negligible < 0.1 %
Viscosity	Data lacking	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking		
Flammability			
Flash Point	Data lacking	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Not relevant.		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

### 9.2 Other Information

- No additional physical and chemical parameters noted.

## Section 10: Stability and Reactivity

## 10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

## 10.2 Chemical stability

- Stable under normal temperatures and pressures.

## 10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

## 10.4 Conditions to avoid

- No data available.

## 10.5 Incompatible materials

- No data available.

## 10.6 Hazardous decomposition products

- No data available.

## Section 11 - Toxicological Information

### 11.1 Information on toxicological effects

Component Name	CAS	Data
Natural flavor (2.739%)	Proprietary	<b>Acute Toxicity:</b> orl-rat LD50:>5 gm/kg; skn-rbt LD50:>5 gm/kg; <b>Irritation:</b> skn-rbt 500 mg/24H MOD
Natural flavor (0.151%)	Proprietary	<b>Acute Toxicity:</b> orl-rat LD50:2600 mg/kg; skn-rbt LD50:500 uL/kg; <b>Irritation:</b> eye-rbt 990 ug SEV; skn-rbt 495 mg open SEV; <b>Multi-dose Toxicity:</b> ihl-rat TCLo:23 mg/m3/24H/30D-C
Natural flavor (1.035%)	Proprietary	<b>Acute Toxicity:</b> orl-rat LD50:1500 mg/kg; ihl-rbt LC50:>40 gm/m3; skn-rbt LD50:530 mg/kg; <b>Irritation:</b> skn-rbt 500 mg open MOD; <b>Multi-dose Toxicity:</b> ihl-rat TCLo:0.15 gm/m3/213D-I

GHS Properties	Classification
Acute toxicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Aspiration Hazard	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Carcinogenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Germ Cell Mutagenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Skin corrosion/Irritation	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Skin sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
STOT-RE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
STOT-SE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Toxicity for Reproduction	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking

<b>Respiratory sensitization</b>	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
<b>Serious eye damage/Irritation</b>	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking

## Potential Health Effects

### Inhalation

- Acute (Immediate)**
  - Product is irritating and possibly detrimental to the respiratory system. Inhalation symptoms may include sore throat, coughing, dullness, and unconsciousness.
- Chronic (Delayed)**
  - Prolonged exposure to high concentrations may cause lung damage or disease.

### Skin

- Acute (Immediate)**
  - Product is irritating to the skin.
- Chronic (Delayed)**
  - No data available.

### Eye

- Acute (Immediate)**
  - Product is irritating to eyes.
- Chronic (Delayed)**
  - No data available.

### Ingestion

- Acute (Immediate)**
  - Product is harmful if swallowed. Symptoms of ingestion may include sore throat and abdominal pain.
- Chronic (Delayed)**
  - No data available.

#### Key to abbreviations

LC = Lethal Concentration      SEV = Severe  
LD = Lethal Dose                TC = Toxic Concentration  
MOD = Moderate

## Section 12 - Ecological Information

### 12.1 Toxicity

- Material data lacking.

### 12.2 Persistence and degradability

- Material data lacking.

### 12.3 Bioaccumulative potential

- Material data lacking.

### 12.4 Mobility in Soil

- Material data lacking.

### 12.5 Results of PBT and vPvB assessment

- No PBT and vPvB assessment has been conducted.

### 12.6 Other adverse effects

- No studies have been found.

## Section 13 - Disposal Considerations

### 13.1 Waste treatment methods

- Product waste**
  - Dispose of content and/or container in accordance with local, regional, national, and/or



international regulations.

**Packaging waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Section 14 - Transport Information**

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	UN1993	Flammable liquid, n.o.s.	3	III	NDA
IMO/IMDG	UN1993	Flammable liquid, n.o.s.	3	III	NDA
IATA/ICAO	UN1993	Flammable liquid, n.o.s.	3	III	NDA

14.6 Special precautions for user • None specified.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • Data lacking.

**Section 15 - Regulatory Information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

SARA Hazard Classifications • Fire

State Right To Know				
Component	CAS	MA	NJ	PA
Natural flavor	Proprietary	No	No	No
Natural flavor	Proprietary	No	No	No
Natural flavor	Proprietary	No	No	No
Natural flavor	Proprietary	No	No	No
Natural flavor	Proprietary	Yes	Yes	Yes
Natural flavor	Proprietary	No	No	No
Natural flavor	Proprietary	No	No	No
Natural flavor	Proprietary	Yes	Yes	Yes
Natural flavor	Proprietary	Yes	Yes	Yes
Soybean oil	8001-22-7	No	No	Yes

Inventory						
Component	CAS	Canada DSL	Canada NDSL	China	EU EINECS	EU ELNICS
Natural flavor	Proprietary	Yes	No	Yes	Yes	No
Natural flavor	Proprietary	Yes	No	No	No	No
Natural flavor	Proprietary	No	Yes	No	Yes	No
Natural flavor	Proprietary	No	No	Yes	Yes	No
Natural flavor	Proprietary	Yes	No	Yes	Yes	No
Natural flavor	Proprietary	Yes	No	Yes	Yes	No
Natural flavor	Proprietary	Yes	No	Yes	Yes	No

Natural flavor	<i>Proprietary</i>	Yes	No	Yes	Yes	No
Natural flavor	<i>Proprietary</i>	Yes	No	Yes	Yes	No
Soybean oil	8001-22-7	Yes	No	Yes	Yes	No
Inventory (Con't.)						
Component	CAS	Japan ENCS		Korea KECL		TSCA
Natural flavor	<i>Proprietary</i>	Yes		Yes		Yes
Natural flavor	<i>Proprietary</i>	No		No		No
Natural flavor	<i>Proprietary</i>	No		No		No
Natural flavor	<i>Proprietary</i>	No		Yes		No
Natural flavor	<i>Proprietary</i>	Yes		Yes		Yes
Natural flavor	<i>Proprietary</i>	Yes		No		Yes
Natural flavor	<i>Proprietary</i>	Yes		Yes		Yes
Natural flavor	<i>Proprietary</i>	Yes		Yes		Yes
Natural flavor	<i>Proprietary</i>	Yes		Yes		Yes
Natural flavor	<i>Proprietary</i>	Yes		Yes		Yes
Soybean oil	8001-22-7	No		Yes		Yes

## Australia

### Labor

#### Australia - Work Health and Safety Regulations - Hazardous Substances Requiring Health Monitoring

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

#### Australia - High Volume Industrial Chemicals List

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

#### Australia - List of Designated Hazardous Substances - Classification

• Natural flavor	<i>Proprietary</i>	C R34
• Natural flavor	<i>Proprietary</i>	C R34
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

## Environment

### Australia - National Pollutant Inventory (NPI) Substance List

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

### Australia - Ozone Protection Act - Scheduled Substances

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

### Australia - Priority Existing Chemical Program

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

## Canada

### Labor

#### Canada - WHMIS - Classifications of Substances

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	B3, D1B, E
• Soybean oil	8001-22-7	Uncontrolled product according to WHMIS classification criteria
• Natural flavor	<i>Proprietary</i>	D2B
• Natural flavor	<i>Proprietary</i>	B2
• Natural flavor	<i>Proprietary</i>	B2, D2B
• Natural flavor	<i>Proprietary</i>	Not Listed

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

**Canada - WHMIS - Ingredient Disclosure List**

• Natural flavor	<i>Proprietary</i>	1 %
• Natural flavor	<i>Proprietary</i>	1 %
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

**Environment****Canada - CEPA - Priority Substances List**

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

**Europe****Other****EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification**

• Natural flavor	<i>Proprietary</i>	C; R34
• Natural flavor	<i>Proprietary</i>	C; R34
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits**

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	10%≤C<25%: Xi; R:36/37/38 25%≤C: C; R:34
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling**

• Natural flavor	<i>Proprietary</i>	C R:34 S:(1/2)-26-36-45
• Natural flavor	<i>Proprietary</i>	C R:34 S:(1/2)-23-36-45
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations**

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	B
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases**

• Natural flavor	<i>Proprietary</i>	S:(1/2)-26-36-45
• Natural flavor	<i>Proprietary</i>	S:(1/2)-23-36-45
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

**United States****Labor****U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

**U.S. - OSHA - Specifically Regulated Chemicals**

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

## Environment

### U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

### U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Natural flavor	<i>Proprietary</i>	5000 lb final RQ; 2270 kg final RQ
• Natural flavor	<i>Proprietary</i>	5000 lb final RQ; 2270 kg final RQ
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

### U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

### U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

#### U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

#### U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

#### U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

## United States - California

### Environment

#### U.S. - California - Proposition 65 - Carcinogens List

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

**U.S. - California - Proposition 65 - Developmental Toxicity**

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

**U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)**

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

**U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)**

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

**U.S. - California - Proposition 65 - Reproductive Toxicity - Female**

• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed
• Natural flavor	<i>Proprietary</i>	Not Listed

**U.S. - California - Proposition 65 - Reproductive Toxicity - Male**



• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed

## United States - Pennsylvania

### Labor

#### U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

• Natural flavor	Proprietary	
• Natural flavor	Proprietary	
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed

#### U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed
• Soybean oil	8001-22-7	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed
• Natural flavor	Proprietary	Not Listed

## 15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

## Section 16 - Other Information

### Relevant Phrases (code & full text)

- H314 - Causes severe skin burns and eye damage.  
H315 - Causes skin irritation  
R34 - Causes burns.  
R38 - Irritating to skin.

### Last Revision Date

- November 7th, 2016

### Disclaimer/Statement of Liability

- The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy

of this data or the results to be obtained from the use thereof. We assume no responsibility for the injuries from the use of the product described herein.

**Key to abbreviations**

NDA = No Data Available

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