



# SAFETY DATA SHEET.

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200)

Revision Date 19-Sep-2023

Version 1

## 1. Identification

### Product identifier

Product name BROWN BUTTER (BEURRE NOISETTE) TYPE, NATURAL FLAVOR BLEND

### Other means of identification

Product Code(s) 1140

CAS No. NA

FEMA Numbers NA

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use No information available

Restrictions on use No information available

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

#### **Manufacturer**

Apex Flavors, Inc.  
1361 Brass Mill Rd  
Suite E  
Belcamp, MD 21017  
(410) 565-6600

### Emergency telephone number

Emergency telephone Chemtrec: 1-800-424-9300 for US/ 703-527-3887 outside US

## 2. Hazard(s) identification

### Classification

Serious eye damage/eye irritation	Category 2A
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Our ingredients have not been tested, nor have they been determined safe, for inhalation or use in any electronic smoking devices, electronic nicotine delivery systems, electronic cigarettes, or other similar devices (collectively "E-Cigarettes") or in any E-Liquids used with E-Cigarettes. By receiving Apex Flavors, Inc ingredients, the recipient confirms that they will not use these ingredients in connection with the manufacture and distribution of E-Cigarettes, E-Liquids or any component thereof. WE DISCLAIM, TO THE FULLEST EXTENT PERMITTED BY LAW, ALL WARRANTIES, EXPRESS OR IMPLIED, and disclaim all liability in connection with the use of our ingredients in connection with E-Cigarettes and E-Liquids. All such risks are assumed by you and the user.

Issuing date 19-Sep-2023

Skin sensitization	Category 1
Flammable liquids	Category 4

**Hazards not otherwise classified (HNOC)**

Not applicable

**Label elements**

**Warning**

**Hazard statements**

Causes serious eye irritation

May cause an allergic skin reaction

Combustible liquid



**Appearance** clear

**Physical state** Liquid

**Aroma** Butter with characteristic toasted  
nutty notes

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/clothing and eye/face protection

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing should not be allowed out of the workplace

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of soap and water

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

97.959 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

97.959 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

97.959 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Other information**

No information available.

### 3. Composition/information on ingredients

**Substance**

EC No (EU Index No)

This safety data sheet was created pursuant  
to the requirements of:

Chemical name	CAS No.	Weight-%	Trade secret
ACETYL PROPIONYL FCC (2,3 PENTANEDIONE)	600-14-6	<1	*
Trade Secret	Trade secret	<1	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret. The ingredients in this mixture are considered by Medallion Fragrances to be a trade secret in accordance with the provisions of the OSHA Hazard Communication Standard (29 CFR 1910.1200). In the event of an emergency they will be revealed to a qualified health professional.

## 4. First-aid measures

### Description of first aid measures

<b>Inhalation</b>	Remove to fresh air.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Ingestion</b>	Rinse mouth.

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

<b>Symptoms</b>	No information available.
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### Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Treat symptomatically.
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## 5. Fire-fighting measures

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Large Fire</b>	CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.
<b>Specific hazards arising from the chemical</b>	No information available.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	None.
<b>Sensitivity to static discharge</b>	None.
<b>Special protective equipment and precautions for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

EC No (EU Index No)  
This safety data sheet was created pursuant  
to the requirements of:

**Personal precautions** Ensure adequate ventilation.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**7. Handling and storage**

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place.

**8. Exposure controls/personal protection**

**Control parameters**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
ACETYL PROPIONYL FCC (2,3 PENTANEDIONE) 600-14-6	STEL: 31 ppb	-	IDLH: TWA: 9.3 ppb

**Appropriate engineering controls**

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. Physical and chemical properties**

<u>Property</u>	<u>Values • Method</u>
pH	No data available None known

EC No (EU Index No)

This safety data sheet was created pursuant  
to the requirements of:

<b>Melting/freezing point</b>	No data available	None known
<b>Boiling point/boiling range</b>	No data available	None known
<b>Flash Point</b>	70 °C / 158 °F	Closed cup
<b>Evaporation rate</b>	No data available	
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limits in Air</b>	None known	
<b>Upper flammability limit</b>	No data available	
<b>lower flammability limit</b>	No data available	
<b>Vapor pressure mm Hg 20°C</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Relative density</b>		
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	
<b>Remarks</b>	None known	
<b>Decomposition Temperature VALUE</b>		
<b>Remarks</b>	None known	
<b>Viscosity, kinematic</b>	No data available	None known
<b>Viscosity, dynamic</b>	No data available	None known

**Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid
<b>Appearance</b>	clear
<b>Color</b>	bright yellow
<b>Aroma</b>	Butter with characteristic toasted nutty notes
<b>Odor Threshold</b>	No information available

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>• Method</u></b>
<b>pH</b>	No data available	None known
<b>Melting/freezing point</b>	No data available	None known
<b>Boiling point/boiling range</b>	No data available	None known
<b>Flash Point</b>	70 °C / 158 °F	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limits in Air</b>		None known
<b>Upper flammability limit</b>	No data available	
<b>lower flammability limit</b>	No data available	
<b>Vapor pressure mm Hg 20°C</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Relative density</b>		None known
<b>Water solubility</b>	No data available	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition Temperature VALUE</b>		None known
<b>Viscosity, kinematic</b>	No data available	None known
<b>Viscosity, dynamic</b>	No data available	None known

**Other information**

<b>Explosive properties</b>	No information available
<b>Oxidizing properties</b>	No information available
<b>Softening point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>VOC content</b>	No information available
<b>Density VALUE</b>	No information available
<b>Bulk Density VALUE</b>	No information available
<b>Specific Gravity @ 25C</b>	0.99210 - 1.10210 FCC Method
<b>Specific Gravity @ 20C</b>	0.9951 - 1.1051 FCC Method

EC No (EU Index No)

This safety data sheet was created pursuant  
to the requirements of:

Refractive Index @ 20C 1.42290 - 1.44290 FCC Method

## 10. Stability and reactivity

**Reactivity** No information available.

**Chemical stability** Stable under normal conditions.

**Possibility of hazardous reactions** None under normal processing.

**Conditions to Avoid** None known based on information supplied.

**Incompatible materials** None known based on information supplied.

**Hazardous decomposition products** None known based on information supplied.

## 11. Toxicological information

### Information on likely routes of exposure

**Inhalation** Specific test data for the substance or mixture is not available.

**Eye contact** Specific test data for the substance or mixture is not available.

**Skin contact** Specific test data for the substance or mixture is not available.

**Ingestion** Specific test data for the substance or mixture is not available.

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

### Acute toxicity

#### **Numerical measures of toxicity**

No information available

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** 18,761.90 mg/kg  
**ATEmix (dermal)** 19,428.40 mg/kg

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
 0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
 97.959 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
 97.959 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 97.959 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
ACETYL PROPIONYL FCC (2,3 PENTANEDIONE) 600-14-6	3 g/kg ( Rat )	2500 mg/kg ( Rabbit )	-
Trade Secret	1500 mg/kg ( Rat )	530 µL/kg ( Rabbit )	-

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** No information available.

EC No (EU Index No)

This safety data sheet was created pursuant  
to the requirements of:

Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.
Other adverse effects	No information available.
Interactive effects	No information available.

## 12. Ecological information

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Trade Secret	46.7: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	200: 24 h <i>Lepomis macrochirus</i> mg/L LC50	EC50 = 10.1 mg/L 15 min EC50 = 16.9 mg/L 15 min EC50 = 16.9 mg/L 5 min EC50 = 17.2 mg/L 25 min	61.7: 24 h <i>Daphnia magna</i> mg/L EC50

**Persistence and degradability** No information available.

**Bioaccumulation** There is no data for this product.

Chemical name	Partition coefficient
Trade Secret	0.79

**Other adverse effects** No information available.

## 13. Disposal considerations

EC No (EU Index No)  
This safety data sheet was created pursuant  
to the requirements of:

#### Waste treatment

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.
California Hazardous Waste Status	This product contains one or more substances that are listed with the State of California as a hazardous waste.

### 14. Transport information

DOT/ADR Not regulated

### 15. Regulatory information

#### International Inventories

TSCA Complies

DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	-
IECSC	Complies
KECL	-
PICCS	Complies
AIIC	Complies

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AIIC** - Australian Inventory of Industrial Chemicals

**NZIoC** - New Zealand Inventory of Chemicals

#### U.S. Federal Regulations

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

##### SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

##### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40

EC No (EU Index No)

This safety data sheet was created pursuant to the requirements of:



**1140 - BROWN BUTTER (BEURRE NOISETTE) TYPE,  
NATURAL FLAVOR BLEND**

Revision Date 19-Sep-2023

CFR 122.42).

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Trade Secret	5000 lb	-	-	X

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
Trade Secret	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical name	California Proposition 65
Trade Secret -	Carcinogen

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
PROPYLENE GLYCOL 57-55-6	X	-	X
ACETYL METHYL CARBINOL 513-86-0	X	-	-
Trade Secret	X	X	X
Trade Secret	X	X	X
Trade Secret	X	X	X

**U.S. EPA Label information**

**EPA Pesticide Registration Number** Not applicable

**16. Other information**

<b>NFPA</b>	<b>Health hazards</b> 0	<b>Flammability</b> 2	<b>Instability</b> 0	<b>Special hazards</b> -
<b>HMIS</b>	<b>Health hazards</b> 0	<b>Flammability</b> 2	<b>Physical hazards</b> 0	<b>Personal protection</b> X

**Abbreviations, acronyms****Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA:	Time weighted average	STEL:	Short term exposure limit
Ceiling:	Maximum limit value:	*	Skin designation

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

EC No (EU Index No)

This safety data sheet was created pursuant to the requirements of:

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European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGL(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
National Institute of Technology and Evaluation (NITE)  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Revision Date** 19-Sep-2023  
**Revision Note** No information available.

**WARNING/DISCLAIMER:**

Our ingredients have not been tested, nor have they been determined safe, for inhalation or use in any electronic smoking devices, electronic nicotine delivery systems, electronic cigarettes, or other similar devices (collectively "E-Cigarettes") or in any E-Liquids used with E-Cigarettes. By receiving Apex Flavors, Inc ingredients, the recipient confirms that they will not use these ingredients in connection with the manufacture and distribution of E-Cigarettes, E-Liquids or any component thereof. WE DISCLAIM, TO THE FULLEST EXTENT PERMITTED BY LAW, ALL WARRANTIES, EXPRESS OR IMPLIED, and disclaim all liability in connection with the use of our ingredients in connection with E-Cigarettes and E-Liquids. All such risks are assumed by you and the user.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**