Safety Data Sheet

Issue Date: 13-May-2020 **Version 1.0**

1 – Product & Company Identification:

Product Identifier:

Product Name: Apple Pie Fragrance Oil
Product Code: 10009
Country of Origin: USA

Recommended Use of the Product & Uses Advised Against:

Recommended Use: Perfumes, Fragrances
Uses Advised Against: None

Details of the Supplier of the Safety Data Sheet:

Supplier Address:
Voyageur Soap & Candle Co. LTD
Unit 14 – 19257 Enterprise Way
Surrey, BC V3S 6J8
Telephone: 1(800) 758-7773
Website: www.voyageursoapandcandle.com

Emergency Telephone Number:

Emergency Phone Number: Chemtel – 1(800) 255-3924

2 – Hazards Identification:

Classification:

GHS Classification:

Acute toxicity (oral) Category 4	H302	Harmful if swallowed

Serious eye damage/eye Irritation Category 2A	H319	Causes serious eye irritation
Skin sensitization Category 1	H317	May cause an allergic skin reaction

Full text of H statements: see section 16

GHS Label Elements, Including Precautionary Statements:

Hazard pictograms (GHS US)

Signal word (GHS US) Warning

Hazard Statement(s):

H302 – Harmful if swallowed
H317 – May cause an allergic skin reaction
H319 – Causes serious eye irritation

Precautionary Statement(s):

P264 – Wash hands thoroughly after handling
P270 – Do not eat, drink or smoke when using this product
P272 – Contaminated work clothing must not be allowed out of the workplace
P280 – Wear eye protection, face protection, protective clothing, protective gloves.
P301 + P312 – If swallowed: Call a doctor, a POISON CENTER if you feel unwell.
P302 + P352 – If on skin: Wash with plenty of water.
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313 – If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313 – If eye irritation persists: Get medical advice/attention.

3 – Composition / Information On Ingredients:

Product Name	CAS #	%	GHS US classification
Benzyl benzoate	120-51-4	26 – 52	Acute Tox. 4 (Oral), H302
Phenylpropyl alcohol	122-97-4	2.8 – 5.6	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Diethyl malonate	105-53-3	2.5 – 5	Flam Liq. 4, H227 Eye Irrit. 2A, H319
Coumarin crystals	91-64-5	2.3 – 4.6	Acute Tox. 4 (Oral), H302 Skin Sens. 1B, H317 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Eugenol	97-53-0	2.05 – 4.1	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319 Skin Sens. 1B, H317
Cinnamic aldehyde	104-55-2	0.8 – 1.6	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317

4 – Frist Aid Measures:

General:

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Call a poison center/doctor/physician if you feel unwell.

Eye Contact:

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. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking, or redness persists. If eye irritation persists: Get medical advice/attention.

Skin Contact:

Wash with plenty of soap and water. If skin irritation or rash occurs: Get immediate medical advice/attention. Get medical advice/attention. Specific treatment (see Wash skin with plenty of water, Call a physician immediately on this label). Wash contaminated clothing before reuse. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation:

Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.

Ingestion:

Rinse mouth. Call a POISON CONTROL CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center/doctor/physician if you feel unwell.

Potential Adverse human health effects and symptoms	Harmful if swallowed. Based on available data, the classification criteria are not met.

Symptoms/effects	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	May cause an allergic skin reaction.
Symptoms/effects after skin contact	May cause an allergic skin reaction.
Symptoms/effects after eye contact	Causes serious eye irritation. Eye irritation.
Symptoms/effects after ingestion	Swallowing a small quantity of this material will result in serious health hazard.

Immediate medical attention and special treatment if necessary:
Treat symptomatically

5 – Fire-Fighting Measures:

Suitable Extinguishing Methods:
Foam. Dry Powder. Carbon Dioxide. Water spray. Sand.

Unsuitable Extinguishing Methods:
Do not use a heavy water stream.

Specific Hazards Arising from the Chemical:
Hazardous decomposition products in case of fire – toxic fumes may be released.

Protective Equipment and Precautions for Fire-Fighters:
Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

6 – Accidental Release Measures:

Personal Precautions, Protective Equipment, and Emergency Procedures:
Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not attempt to take action without suitable protective equipment. Equip cleaning crew with proper protection. For further information refer to section 8: “Exposure controls/personal protection”. Ventilate area.

Environmental Precautions:
Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and Materials for Containment and Cleaning Up:
Collect spillage. Take up liquid spill in absorbent material. Soak up spills with inert solids such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Dispose of materials or

solid residues at an authorized site. See heading 8. Exposure controls and personal protection. For further information refer to section 13.

7 – Handling & Storage:

Precautions for Safe Handling and Hygiene Measures:

Ensure good ventilation of the work station. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation or vapor. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing dust/fumes/gas/mist/vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Always wash hands after handling the product.

Conditions for Safe Storage, Including Any Incompatibilities:

Storage Conditions:	Keep only in the original container in a cool, well ventilated place away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.
Incompatible products	Strong bases. Strong acids.
Incompatible materials	Sources of ignition. Direct sunlight.
Storage temperature	25°C
Storage area	Store in a well-ventilated place. Store away from heat.
Special rules on packaging	Store in a closed container.
Packaging materials	Do not store in a corrodible metal.

8 – Exposure Controls & Personal Protection:

Appropriate engineering controls:

Appropriate engineering controls:	Ensure good ventilation of the work station
Environmental exposure controls:	Avoid release to the environment

Personal Protective Equipment:

Avoid all unnecessary exposure

Hands: Wear protective gloves.

Eyes: Wear chemical goggles or safety glasses.

Skin: Wear suitable protective clothing.

Respiratory: Wear appropriate mask.

Ingestion: Not for ingestion.

9 – Physical & Chemical Properties:

Physical State:	Liquid
Colour:	Light yellow amber
Odour:	Apple
Odour threshold:	No data available
pH:	No data available
Melting Point / Freezing Point:	No data available
Flash Point:	> 95°C (closed cup) ASTM D7094
Relative Evaporation Rate:	No data available
Flammability (solid, gas):	Non flammable
Vapor pressure:	No data available
Relative vapor density at 20°C	No data available
Relative density	1.05
Solubility	Not soluble in water alone
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosion limits	No data available
Explosive properties	No data available
Oxidizing properties	No data available

10 – Stability & Reactivity:

Reactivity: This product is non-reactive under normal conditions of use, storage and transport.

Chemical Stability: Not established

Possibility of Hazardous Reactions: Not established

Conditions to Avoid: Direct sunlight. Extremely high or low temperatures.

Incompatible Materials: Strong acids. Strong bases.

Hazardous Decomposition Products: fume. Carbon monoxide. Carbon dioxide.

11 – Toxicological Information:

Acute Toxicity (oral): Harmful if swallowed
Acute Toxicity (dermal): Not classified
Acute Toxicity (inhalation): Not classified

ATE US (oral)	825.552 mg/kg body weight
Benzyl benzoate (120-51-4)	
LD50 oral rat	500 mg/kg
LD50 dermal rabbit	4000 mg/kg
ATE US (oral)	500 mg/kg body weight
ATE US (dermal)	4000 mg/kg body weight
Coumarin crystals (91-64-5)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE US (oral)	500 mg/kg body weight
Diethyl malonate (105-53-3)	
LD50 oral rat	14900 µl/kg
ATE US (oral)	14900 mg/kg body weight
Eugenol (97-53-0)	
LD50 oral rat	1930 mg/kg
ATE US (oral)	1930 mg/kg body weight
Cinnemic aldehyde (104-55-2)	
LD50 oral rat	2220 mg/kg
LD50 dermal rat	1260 mg/kg
ATE US (oral)	2220 mg/kg body weight
ATE US (dermal)	1260 mg/kg body weight

Skin corrosion	Not classified
Serious eye damage/irritation	Causes serious eye irritation
Respiratory or skin sensitization	May cause an allergic skin reaction
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified

Coumarin crystals (91-64-5)	
IARC group	3 – Not classifiable
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity
Eugenol (97-53-0)	
IARC group	3 – Not classifiable

Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified

Aspiration hazard	Not classified
Viscosity, kinematic	No data available
Potential Adverse human health effects and symptoms	Harmful if swallowed. Based on available data, the classification criteria are not met.
Symptoms/effects	Not expected to present a significant hazard under anticipated conditions of normal use

Symptoms/effects after inhalation	May cause an allergic skin reaction
Symptoms/effects after skin contact	May cause an allergic skin reaction
Symptoms/effects after eye contact	Causes serious eye irritation.
Symptoms/effects after ingestion	Swallowing a small quantity of this material will result in serious health hazard.

12 – Ecological Information:

Ecotoxicity: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. Toxic to aquatic life with long lasting effects.

Benzyl benzoate (120-51-4)	
LC50 fish 1	2.32 mg/l (Exposure time: 96h – Species: Danio rerio [semi-static])
NOEC (chronic)	0.168 mg/l
Diethyl malonate (105-53-3)	
LC50 fish 1	10.3 – 12.4 mg/l (Exposure time: 96h – Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	202.3 mg/l (Exposure time 48h – Species: Daphnia magna)
Eugenol	
LC50 fish 1	13 mg/l (Exposure time: 96h – Species: Danio rerio [semi-static])

Persistence and degradability:

Apple Pie Fragrance	
Persistence and degradability	May cause long-term adverse effects in the environment. Not established.
Benzyl benzoate (120-51-4)	
Persistence and degradability	May cause long-term adverse effects in the environment.

Bioaccumulative potential:

Apple Pie Fragrance	
Bioaccumulative potential	Not established
Benzyl benzoate (120-51-4)	
Partition coefficient n-octanol/water	4
Bioaccumulative potential	Not established
Diethyl malonate (105-53-3)	
Partition coefficient n-octanol/water	0.96
Cinnamic aldehyde (104-55-2)	
Partition coefficient n-octanol/water	2.22 (at 18°)

Mobility in soil: No additional information available

Other Information: Avoid release to the environment

13 – Disposal Considerations:

Disposal of Waste:
Dispose of contents/container in accordance with licensed collector's sorting instructions and in accordance with local/national laws and regulations. Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.

14 – Transport Information:

Department of Transportation (DOT): In accordance with DOT

15 – Regulatory Information:

US Federal Regulations:
All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

International Regulations (Canada):

Benzyl benzoate (120-51-4)	Listed on the Canadian DSL (Domestic Substances List)
Coumarin crystals (91-64-5)	Listed on the Canadian DSL (Domestic Substances List)
Diethyl malonate (105-53-3)	Listed on the Canadian DSL (Domestic Substances List)
Eugenol (97-53-0)	Listed on the Canadian DSL (Domestic Substances List)
Phenylpropyl alcohol (122-97-4)	Listed on the Canadian DSL (Domestic Substances List)
Cinnamic Aldehyde (104-55-2)	Listed on the Canadian DSL (Domestic Substances List)

International Regulations (EU):

Benzyl benzoate (120-51-4)	Listed on the EEC inventory EINECS
Coumarin crystals (91-64-5)	Listed on the EEC inventory EINECS
Diethyl malonate (105-53-3)	Listed on the EEC inventory EINECS
Eugenol (97-53-0)	Listed on the EEC inventory EINECS
Phenylpropyl alcohol (122-97-4)	Listed on the EEC inventory EINECS
Cinnamic Aldehyde (104-55-2)	Listed on the EEC inventory EINECS

International Regulations (National):
Benzyl benzoate (120-51-4)
Listed on the AICS (Australian Inventory of Chemical Substances
Listed on the IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on KECL/KECI (Korean Existing Chemical Inventory)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

Coumarin crystals (91-64-5)
Listed on the AICS (Australian Inventory of Chemical Substances
Listed on the IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on KECL/KECI (Korean Existing Chemical Inventory)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Diethyl malonate (105-53-3)
Listed on the AICS (Australian Inventory of Chemical Substances
Listed on the IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on KECL/KECI (Korean Existing Chemical Inventory)
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Listed on INSQ (Mexican National Inventory of Chemical Substances)
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Eugenol (97-53-0)
Listed on the AICS (Australian Inventory of Chemical Substances
Listed on the IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
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Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Phenylpropyl alcohol (122-97-4)
Listed on the AICS (Australian Inventory of Chemical Substances
Listed on the IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
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Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Cinnamic Aldehyde (104-55-2)
Listed on the AICS (Australian Inventory of Chemical Substances
Listed on the IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on KECL/KECI (Korean Existing Chemical Inventory)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

US State Regulations:

Diethyl malonate (105-53-3)	U.S. – New Jersey – Right to know Hazardous Substance List
Ethyl acetoacetate (141-97-9)	U.S. – Massachusetts – Right to know List; U.S. – Pennsylvania – RTK (Right to Know) list
Leaf alcohol (928-96-1)	U.S. – Pennsylvania – RTK (Right to Know) List

16 – Other Information:

Supplier: Voyageur Soap & Candle Co. LTD

Issue Date: May 13, 2020

Disclaimer:

The information provided in this Material Safety Data Sheet is based on current available data and knowledge and is believed to be accurate and given in good faith. Voyageur Soap & Candle Co. LTD and its subsidiaries however assume no liability and make no warranty, either expressed or implied, pertaining to the accuracy and completeness of the information contained herein including in regards to fitness and merchantability. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and therefore should not be construed as guaranteeing any specific property. The information herein relates only to the specific designated material and may not be valid for such material used in combination with any other materials, or i n any process not specified in the text. Users should therefore consider this data only as a supplement to other information available from all other sources and should incorporate this information into programs for the proper use and disposal of their materials and the health and safety of employees and customers.