



according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008

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

- 1.1 Product Code:** 00159  
**Product Name:** Holiday Spice Flavor  
**Trade Name:** Holiday Spice Flavor
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 Details of the Supplier of the Safety Data Sheet:**  
**Company Name:** Perfumer's Apprentice  
170 Technology Circle  
Scotts Valley, CA 95066  
**Phone Number:** (831)316-7137
- 1.4 Emergency telephone number:**

## Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
- 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:**
- 2.1.2 Classification according to Directive 1999/45/EC:**
- 2.2 Label Elements:**
- 2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]:**
- GHS Signal Word:**
- GHS Hazard Phrases:**  
No phrases apply.
- GHS Precaution Phrases:**  
No phrases apply.
- GHS Response Phrases:**  
No phrases apply.
- GHS Storage and Disposal Phrases:**  
No phrases apply.
- 2.2.2 Labeling according to Directive 1999/45/EC:**
- 2.3 Adverse Human Health Effects and Symptoms:**
- 2.3.1 Inhalation:** May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract. No hazard expected in normal industrial use. Dust is irritating to the respiratory tract. Skin: May be harmful if absorbed through skin. May cause skin irritation. Vapors may cause dizziness or suffocation. Vapor or mist is irritating to the mucous membranes and upper respiratory tract.
- 2.3.2 Skin Contact:** Causes skin irritation. May cause sensitization by skin contact. Skin Absorption: May be harmful if absorbed through the skin. [C05P (missing text!)] Dust may cause mechanical irritation. Low hazard for normal industrial handling. Causes moderate skin irritation.
- 2.3.3 Eye Contact:** Dust may cause mechanical irritation. Low hazard for normal industrial handling. Vapors may cause eye irritation.
- 2.3.4 Ingestion:** May cause irritation of the digestive tract. May be harmful if swallowed. Additional Information.  
RTECS: QJ6950000

### Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	Risk Phrases/ GHS Classification
102-76-1	Triacetin	>=10.0 %	203-051-9 NA	No phrases apply. No data available.
127-91-3	Bicyclo3.1.1heptane, 6,6-dimethyl-2-methylene-	1.0 -10.0 %	204-872-5 NA	N; R50/53 No data available.
121-33-5	Benzaldehyde, 4-Hydroxy-3-methoxy-	1.0 -10.0 %	204-465-2 NA	No phrases apply. No data available.

### Section 4. First Aid Measures

#### 4.1 Description of First Aid

##### Measures:

**In Case of Inhalation:** Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear. Get medical aid. If inhaled, remove to fresh air. If breathed in, move person into fresh air. Consult a physician.

**In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Get medical aid. Wash clothing before reuse. Flush skin with plenty of soap and water. Wash off with soap and plenty of water. Consult a physician.

**In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid. Get medical aid. In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Flush eyes with water as a precaution. Get medical aid immediately.

**In Case of Ingestion:** Get medical aid if irritation or symptoms occur. Get medical aid. Wash mouth out with water. If swallowed, wash out mouth with water provided person is conscious. Call a physician. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively. Rinse mouth with water. Consult a physician. Get medical aid immediately.

#### 4.2 Important Symptoms and Effects, Both Acute and Delayed:

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Note for the Doctor:** Treat symptomatically and supportively.

### Section 5. Fire Fighting Measures

#### 5.1 Suitable Extinguishing Media:

Use water spray, dry chemical, carbon dioxide, or chemical foam. Suitable: For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam. Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. For large fires, use water spray, fog, or alcohol-resistant foam. Use water spray to cool fire-exposed containers. Water may be ineffective. Do NOT use straight streams of water. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

#### 5.2 Flammable Properties and Hazards:

No data available.

**Flash Pt:** No data.

**Explosive Limits:** LEL: No data.

UEL: No data.

**Autoignition Pt:** No data.

- 5.3 Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Flammable liquid and vapor. Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): Flammable Liquid. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Dust from this material can form explosive organic dust cloud. Wear self contained breathing apparatus for fire fighting if necessary. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Will burn if involved in a fire. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire.

## Section 6. Accidental Release Measures

- 6.3 Methods and Material For Containment and Cleaning Up:** No data available.

## Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Avoid breathing dust, mist, or vapor. Avoid contact with skin and eyes. User Exposure: Avoid breathing vapor. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Minimize dust generation and accumulation. Avoid breathing dust. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Wash clothing before reuse. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.
- 7.2 Precautions To Be Taken in Storing:** Store in a cool, dry place. Keep away from sources of ignition. Store in a tightly closed container. Suitable: Keep container closed. Store protected from moisture. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## Section 8. Exposure Controls/Personal Protection

### 8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
102-76-1	Triacetin	No data.	No data.	No data.
127-91-3	Bicyclo3.1.1heptane, 6,6-dimethyl-2-methylene-	No data.	No data.	No data.
121-33-5	Benzaldehyde, 4-Hydroxy-3-methoxy-	No data.	No data.	No data.
CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
102-76-1	Triacetin	No data.	No data.	No data.
127-91-3	Bicyclo3.1.1heptane, 6,6-dimethyl-2-methylene-	No data.	TLV: 20 ppm	No data.
121-33-5	Benzaldehyde, 4-Hydroxy-3-methoxy-	No data.	No data.	No data.





### 9.2 Other Information

Percent Volatile: No data.

## Section 10. Stability and Reactivity

- 10.1 **Reactivity:** No data available.
- 10.2 **Stability:** Unstable [ ] Stable [ X ]
- 10.3 **Conditions To Avoid - Hazardous Reactions:** No data available.  
**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]
- 10.4 **Conditions To Avoid - Instability:** No data available.
- 10.5 **Incompatibility - Materials To Avoid:** Strong oxidizing agents, Mineral acids, acids, Bases, Heat.
- 10.6 **Hazardous Decomposition Or Byproducts:** Carbon monoxide, irritating and toxic fumes and gases.

## Section 11. Toxicological Information

- 11.1 **Information on Toxicological Effects:**
  - Epidemiology: No information found.
  - Teratogenicity: No information available. Reproductive Effects: Mutagenicity: Mutagenic effects have occurred in experimental animals.
  - Neurotoxicity: No data available.
  - Teratogenicity: No data available.
  - Other Studies: Experimental mutagen in human lymphocyte cells. No information available.
- Carcinogenicity/Other Information:**
  - CAS# 102-76-1: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 13466-78-9: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
  - CAS# 138-86-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
  - CAS# 127-91-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
  - CAS# 99-86-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 121-33-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 105-54-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
- Carcinogenicity:** NTP? No    IARC Monographs? No    OSHA Regulated? No

## Section 12. Ecological Information

- 12.1 **Toxicity:**
  - Environmental: Avoid entering into waters or underground water. Contaminated waste water must be cleared before entering into sewerage.
  - Physical: No information found.
  - Elimination information (persistence and degradability)
  - Biodegradability: Biotic/Aerobic.
  - Result: 51 % - Partially biodegradable.
  - Further information on ecology.
  - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
  - Avoid release to the environment. No information available.
  - Physical: No information available.
- 12.2 **Persistence and Degradability:**



- 12.3 Bioaccumulative Potential:
- 12.4 Mobility in Soil:
- 12.5 Results of PBT and vPvB assessment:

## Section 13. Disposal Considerations

- 13.1 Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
- RCRA P-Series: None listed.  
RCRA U-Series: None listed. APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION. Contact a licensed professional waste disposal service to dispose of this material. Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Product.
- This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber.
- Observe all federal, state, and local environmental regulations. Contaminated packaging. Dispose of as unused product.

## Section 14. Transport Information

- GHS Classification:** No GHS classifications apply.
- 14.1 LAND TRANSPORT (US DOT):**  
**DOT Proper Shipping Name:**  
**DOT Hazard Class:**  
**UN/NA Number:**
- 14.1 LAND TRANSPORT (Canadian TDG):**  
**TDG Shipping Name:** Not Regulated. No information available. ETHYL BUTYRATE.
- 14.1 LAND TRANSPORT (European ADR/RID):**  
**ADR/RID Shipping Name:**  
**UN Number:**  
**Hazard Class:**
- 14.3 AIR TRANSPORT (ICAO/IATA):**  
**ICAO/IATA Shipping Name:** Dipentene. mixture.

## Section 15. Regulatory Information

### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
102-76-1	Triacetin	No	No	No
127-91-3	Bicyclo3.1.1heptane, 6,6-dimethyl-2-methylene-	No	No	No
121-33-5	Benzaldehyde, 4-Hydroxy-3-methoxy-	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
102-76-1	Triacetin	CA PROP.65: No
127-91-3	Bicyclo3.1.1heptane, 6,6-dimethyl-2-methylene-	CA PROP.65: No
121-33-5	Benzaldehyde, 4-Hydroxy-3-methoxy-	CA PROP.65: No



**European Community Hazard Symbol codes:**

**European Community Risk and Safety Phrases:**

No data available.

## Section 16. Other Information

**Revision Date:** 03/28/2014

**Additional Information About This Product:** This product contains no added diacetyl as an ingredient. However, because diacetyl can occur in small amounts as an artifact of the production process in other ingredients, "No Added Diacetyl" products may not be "Diacetyl Free", as trace amounts may be present.

**Company Policy or Disclaimer:** The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any other process, unless specified in the text .