

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:** 343569
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
- Web site address:** Perfumersapprentice.com
- 1.4 Emergency telephone number:**
Emergency Contact: Chem-Tel Phone (800)255-3924

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
- 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:**
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2B
Skin Sensitization, Category 1
Carcinogenicity, Category 1B
Aquatic Toxicity (Acute), Category 2
Aquatic Toxicity (Chronic), Category 2
- 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: Danger

GHS Hazard Phrases:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H320: Causes eye irritation.

H350: May cause cancer {state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard}.

H401: Toxic to aquatic life.

H411: Toxic to aquatic life with long lasting effects.

GHS Precaution Phrases:

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P261: Avoid breathing {dust/fume/gas/mist/vapors/spray}.

P264: Wash {hands} thoroughly after handling.

P272: Contaminated work clothing should not be allowed out of the workplace.

P273: Avoid release to the environment.



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P280: Wear {protective gloves/protective clothing/eye protection/face protection}.

GHS Response Phrases:

P302+352: IF ON SKIN: Wash with plenty of soap and water.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+313: IF exposed or concerned: Get medical attention/advice.

P321: Specific treatment {see ... on this label}.

P332+313: If skin irritation occurs, get medical advice/attention.

P333+313: If skin irritation or rash occurs, seek medical advice/attention.

P337+313: If eye irritation persists, get medical advice/attention.

P362+364: Take off contaminated clothing and wash it before reuse.

P391: Collect spillage.

GHS Storage and Disposal Phrases:

P405: Store locked up.

P501: Dispose of contents/container to {...}.

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.

2.3.2 Skin Contact: Causes skin irritation.

2.3.3 Eye Contact: May cause eye irritation.

2.3.4 Ingestion: May be harmful if swallowed.

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	89.0 -95.0 %	203-051-9 NA	No phrases apply.
8008-45-5	Oil, nutmeg	3.0 -5.0 %	NA NA	No phrases apply. Flam. Liq. 3: H226 Asp. Toxic. 1: H304 Skin Sens. 1: H317 Carcinogen 1B: H350 Aquatic (A) 1: H400 Aquatic (C) 1: H410
121-33-5	Vanillin	1.0 -2.0 %	204-465-2 NA	No phrases apply.
68916-89-2	Oils, lemon, psoralen-free	< 0.3 %	614-790-5 NA	No phrases apply. Asp. Toxic. 1: H304 Skin Corr. 2: H315 Skin Sens. 1: H317 Aquatic (C) 2: H411
5392-40-5	Citral	< 0.2 %	226-394-6 605-019-00-3	Xi; R38-43 Skin Corr. 2: H315 Skin Sens. 1: H317

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.

In Case of Skin Get medical aid if irritation develops or persists.

Contact:

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.
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In Case of Ingestion: Wash mouth out with water.

4.2 Important Symptoms and Effects, Both

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

Acute and Delayed:

Note for the Doctor: Treat symptomatically and supportively.

Section 5. Fire Fighting Measures

5.1 Suitable Extinguishing

Use water spray, dry chemical, carbon dioxide, or chemical foam.

Media:

5.2 Flammable Properties and Hazards:

Flash Pt: > 93.33 C Method Used: Closed Cup

Explosive Limits: LEL: UEL:

Autoignition Pt:

5.3 Fire Fighting

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Section 6. Accidental Release Measures

6.1 Protective Precautions. Ensure adequate ventilation.

Protective Equipment

and Emergency

Procedures:

6.2 Environmental

Precautions:

6.3 Methods and Material

Dike to collect large liquid spills.

For Containment and

Cleaning Up:

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.

7.2 Precautions To Be Taken in Storing:

Store in a cool, dry place. Keep away from sources of ignition.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
102-76-1	Triacetin			
8008-45-5	Oil, nutmeg			



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121-33-5 Vanillin
68916-89-2 Oils, lemon, psoralen-free
5392-40-5 Citral

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
102-76-1	Triacetin			
8008-45-5	Oil, nutmeg			
121-33-5	Vanillin			
68916-89-2	Oils, lemon, psoralen-free			
5392-40-5	Citral			

8.2 Exposure Controls:

8.2.1 Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

8.2.2 Personal protection equipment:

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respiratory Equipment (Specify Type): A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Work/Hygienic/Maintenance Practices: Wash thoroughly after handling. Wash contaminated clothing before reuse.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Transparent Colorless.
Holiday Spice taste and aroma.

Melting Point:

Boiling Point:

Flash Pt: > 93.33 C Method Used: Closed Cup

Evaporation Rate:

Explosive Limits: LEL: UEL:

Vapor Pressure (vs. Air or mm Hg):

Vapor Density (vs. Air = 1):

Specific Gravity (Water = 1): 1.138 at 22.0 C

Solubility in Water:

Autoignition Pt:



9.2 Other Information

Percent Volatile:

Section 10. Stability and Reactivity

10.1 Reactivity:

10.2 Stability: Unstable [] Stable [X]

10.3 Conditions To Avoid -

Hazardous Reactions:

Possibility of Will occur [] Will not occur [X]

Hazardous Reactions:

10.4 Conditions To Avoid -

Instability:

10.5 Incompatibility -

Materials To Avoid:

10.6 Hazardous

Decomposition Or

Byproducts:

Section 11. Toxicological Information

**11.1 Information on
Toxicological Effects:**

This mixture has not been subjected to toxicological testing but has been blended from materials with established toxicological bibliographies. In view of the difficulty of using current standard toxicological evaluation techniques to predict potential hazards to susceptible individuals or arising from unforeseeable potentiation, this preparation should be considered and handled as if it displayed health hazards and consequently treated with all possible precaution.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Section 12. Ecological Information

12.1 Toxicity:

This mixture as a whole has not been subjected to ecotoxicological testing. In view of the difficulty of using current standard ecotoxicological evaluation techniques to predict the impact of particular modes of release on vulnerable or localized parts of the ecosystem, this preparation should be considered and handled as if it displayed potential environmental hazards, and treated in consequence with all possible precaution.

**12.2 Persistence and
Degradability:**

**12.3 Bioaccumulative
Potential:**

12.4 Mobility in Soil:

**12.5 Results of PBT and
vPvB assessment:**

12.6 Other adverse effects:

Section 13. Disposal Considerations

13.1 Waste Disposal Method:

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Section 14. Transport Information

GHS Classification:

Skin Corrosion/Irritation, Category 2 - Warning! Causes skin irritation
Serious Eye Damage/Eye Irritation, Category 2B - Warning! Causes eye irritation
Skin Sensitization, Category 1 - Warning! May cause an allergic skin reaction
Carcinogenicity, Category 1B - Danger! May cause cancer
Aquatic Toxicity (Acute), Category 2 - Toxic to aquatic life
Aquatic Toxicity (Chronic), Category 2 - Toxic to aquatic life with long lasting effects

14.1 LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.
DOT Hazard Class:
UN/NA Number:

14.1 LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not Regulated.
UN Number:
Hazard Class:

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

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
8008-45-5	Oil, nutmeg	No	No	No
121-33-5	Vanillin	No	No	No
68916-89-2	Oils, lemon, psoralen-free	No	No	No
5392-40-5	Citral	No	No	No

This material meets the EPA ☒ Yes ☐ No Acute (immediate) Health Hazard
'Hazard Categories' defined ☒ Yes ☐ No Chronic (delayed) Health Hazard
for SARA Title III Sections ☒ Yes ☐ No Fire Hazard
311/312 as indicated: ☐ Yes ☒ No Sudden Release of Pressure Hazard
☐ Yes ☒ No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists	International Regulatory
102-76-1	Triacetin		REACH: (R), (P)



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8008-45-5 Oil, nutmeg
121-33-5 Vanillin
68916-89-2 Oils, lemon, psoralen-free
5392-40-5 Citral

REACH: (R), (P)

REACH: (R), (P)

REACH: (P)

REACH: (R), (P)

European Community Hazard Symbol codes:

European Community Risk and Safety Phrases:

Section 16. Other Information

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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.