

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:** 00132
Product Name: Cola Syrup Flavor
Trade Name: Cola Syrup 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]:**
 Flammable Liquids, Category 3
 Skin Corrosion/Irritation, Category 3
 Skin Sensitization, Category 1
- 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: Warning

GHS Hazard Phrases:

Flammable liquid and vapor.
 Causes mild skin irritation.
 May cause an allergic skin reaction.

GHS Precaution Phrases:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 Keep container tightly closed.
 Use explosion-proof electrical/ventilating/lighting/.../ equipment.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Avoid breathing dust/fume/gas/mist/vapors/spray.
 Contaminated work clothing should not be allowed out of the workplace.
 Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:

IF ON SKIN: Wash with plenty of soap and water.
 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 Specific treatment see ... on this label.
 If skin irritation occurs, get medical advice/attention.



SAFETY DATA SHEET

Cola Syrup Flavor

If skin irritation or rash occurs, seek medical advice/attention.

Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases:

Store in cool/well-ventilated place.

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: May cause 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
64-17-5	Ethyl alcohol	67.0 -73.0 %	200-578-6 603-002-00-5	F; R11 Flam. Liq. 2: H225
8007-80-5	Oils, cassia	0.5 %	NA NA	No phrases apply. Acute Tox.(D) 4: H312 Skin Corr. 2: H315 Skin Sens. 1: H317
68916-89-2	Oils, lemon, psoralen-free	8.0 -10.0 %	614-790-5 NA	No phrases apply. Asp. Toxic. 1: H304 Skin Corr. 2: H315 Skin Sens. 1: H317 Aquatic (C) 2: H411
8008-26-2	Lime oil	8.0 -10.0 %	NA NA	No phrases apply. Flam. Liq. 3: H226
8008-57-9	Oils, orange, sweet	7.0 -10.0 %	NA NA	No phrases apply. Flam. Liq. 3: H226 Asp. Toxic. 1: H304 Skin Corr. 2: H315 Skin Sens. 1: H317 Aquatic (A) 1: H400 Aquatic (C) 1: H410
104-55-2	Cinnamaldehyde	1.0 -1.5 %	203-213-9 NA	N; R43-50
108-24-7	Acetic anhydride	2.0 -3.0 %	203-564-8 607-008-00-9	C;Xi; R10-20/22-34 Flam. Liq. 3: H226 Acute Tox.(O) 4: H302 Skin Corr. 1B: H314 Acute Tox.(I) 4: H332

Section 4. First Aid Measures

- 4.1 Description of First Aid Measures:**
- In Case of Inhalation:** If inhaled, remove to fresh air.
- In Case of Skin Contact:** Get medical aid. Wash clothing before reuse. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- In Case of Eye Contact:** In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Get medical aid.
- In Case of Ingestion:** Clean mouth with water and drink plenty of water.
- 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. Persons with skin or eye disorders or liver, kidney, chronic respiratory diseases, or central and peripheral nervous system diseases may be at increased risk from exposure to this substance.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** 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.
- 5.2 Flammable Properties and Hazards:**
- Flash Pt:** 91.00 F (32.8 C)
- Explosive Limits:** LEL: UEL:
- Autoignition Pt:**
- 5.3 Fire Fighting Instructions:** Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** Ensure adequate ventilation.
- 6.2 Environmental Precautions:**
- 6.3 Methods and Material For Containment and Cleaning Up:** Dike to collect large liquid spills.

Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Handle in accordance with good industrial hygiene and safety practice.
- 7.2 Precautions To Be Taken in Storing:** Keep container tightly closed in a dry and well-ventilated place.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
64-17-5	Ethyl alcohol	TWA: 1920 mg/m3 (1000 ppm) STEL: ()	TWA: 1900 mg/m3 (1000 ppm) STEL: 9500 mg/m3 (5000 ppm)	
8007-80-5	Oils, cassia			
68916-89-2	Oils, lemon, psoralen-free			
8008-26-2	Lime oil			
8008-57-9	Oils, orange, sweet			
104-55-2	Cinnamaldehyde			
108-24-7	Acetic anhydride	TWA: 2.5 mg/m3 (0.5 ppm) STEL: 10 mg/m3 (2 ppm)	STEL: 20 mg/m3 (5 ppm)	TWA: 0.5 mg/m3

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64-17-5	Ethyl alcohol	PEL: 1000 ppm	TLV: 1000 ppm	
8007-80-5	Oils, cassia			
68916-89-2	Oils, lemon, psoralen-free			
8008-26-2	Lime oil			
8008-57-9	Oils, orange, sweet			
104-55-2	Cinnamaldehyde			
108-24-7	Acetic anhydride	PEL: 5 ppm	TLV: 5 ppm	

8.2 Exposure Controls:

8.2.1 Engineering Controls (Ventilation etc.): Safety shower and eye bath. Use nonsparking tools. 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: Safety glasses.

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): If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

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

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: Flammable Liquids, Category 3 - Warning! Flammable liquid and vapor
Skin Corrosion/Irritation, Category 3 - Warning! Causes mild skin irritation
Skin Sensitization, Category 1 - Warning! May cause an allergic skin reaction

14.1 LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Extracts , Flavoring, Liquid.

DOT Hazard Class: 3 FLAMMABLE LIQUID

UN/NA Number: 1197

Packing Group: II





SAFETY DATA SHEET

Cola Syrup Flavor

14.1 LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Extracts , Flavoring, Liquid.

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Extracts , Flavoring, Liquid.

UN Number: 1197

Packing Group: II

Hazard Class: 3 - FLAMMABLE LIQUID

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Extracts , Flavoring, Liquid.

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Extracts , Flavoring, Liquid.

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)
64-17-5	Ethyl alcohol	No	No	No
8007-80-5	Oils, cassia	No	No	No
68916-89-2	Oils, lemon, psoralen-free	No	No	No
8008-26-2	Lime oil	No	No	No
8008-57-9	Oils, orange, sweet	No	No	No
104-55-2	Cinnamaldehyde	No	No	No
108-24-7	Acetic anhydride	No	Yes 5000 LB	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
64-17-5	Ethyl alcohol		REACH: (R), (P)
8007-80-5	Oils, cassia		REACH: (P)
68916-89-2	Oils, lemon, psoralen-free		REACH: (P)
8008-26-2	Lime oil		REACH: (P)
8008-57-9	Oils, orange, sweet		REACH: (P)
104-55-2	Cinnamaldehyde		REACH: (R), (P)
108-24-7	Acetic anhydride		REACH: (R), (P)

European Community Hazard Symbol codes:**European Community Risk and Safety Phrases:**



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 .