

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: 00333
Product Name: Cola Syrup Test
Trade Name: Cola Syrup Test

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Relevant identified uses: Food Industry

1.3 Details of the Supplier of the Safety Data Sheet:

Company Name: Perfumer's Apprentice
170 Technology Circle
Scotts Valley, CA 95066
Web site address: Perfumersapprentice.com
Information: Contract #: MIS6760377

Phone Number:
(831)316-7137

1.4 Emergency telephone number:

Emergency Contact: Chem-Tel Phone (800)255-3924
01 (813)248-0585

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

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.

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.

Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

If skin irritation occurs, get medical advice/attention.

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	70.0 -80.0 %	200-578-6 603-002-00-5	F; R11 Flam. Liq. 2: H225
104-55-2	Cinnamaldehyde	1.0 -5.0 %	203-213-9 NA	N; R43-50 No data available.
64-19-7	Acetic acid	1.0 -5.0 %	200-580-7 607-002-00-6	C;Xi; R10-35 Flam. Liq. 3: H226 Skin Corr. 1A: H314
119-36-8	Methyl salicylate	< 0.5 %	204-317-7 NA	Xn; R22-36/37/38 No data available.
8008-56-8	Oils, lemon	5.0 -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
8008-26-2	Lime oil	5.0 -10.0 %	NA NA	No phrases apply. Flam. Liq. 3: H226
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
8008-45-5	Oil, nutmeg	< 0.5 %	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
8008-57-9	Oils, orange, sweet	5.0 -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

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: 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 plenty of water for at least 15 minutes.

Contact:

In Case of Ingestion: Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

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 alcohol-resistant foam.

Media:

5.2 Flammable Properties and Hazards: Flammable in the presence of a source of ignition when the temperature is above the flash point.

No data available.

Flash Pt: 140.00 F (60.0 C) Method Used: Closed Cup

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.

Section 6. Accidental Release Measures

6.1 Protective Precautions, Protective Equipment and Emergency Procedures: Ensure adequate ventilation.

Protective Equipment and Emergency Procedures:

Procedures:

6.2 Environmental Precautions: No data available.

Precautions:

6.3 Methods and Material For Containment and Cleaning Up: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

Section 7. Handling and Storage

7.1 Precautions To Be Taken in Handling: Avoid contact with skin and eyes. Keep away from sources of ignition - No smoking. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

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 #	Chemical Name	Britain EH40	France VL	Germany MAK/TRK
64-17-5	Ethyl alcohol	TWA: 1920 mg/m3 (1000 ppm) STEL: ()	TWA: 1900 mg/m3 (1000 ppm) STEL: 9500 mg/m3 (5000 ppm)	No data.

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104-55-2	Cinnamaldehyde	No data.	No data.	No data.
64-19-7	Acetic acid	No data.	STEL: 25 mg/m3 (10 ppm)	No data.
119-36-8	Methyl salicylate	No data.	No data.	No data.
8008-56-8	Oils, lemon	No data.	No data.	No data.
8008-26-2	Lime oil	No data.	No data.	No data.
8007-80-5	Oils, cassia	No data.	No data.	No data.
8008-45-5	Oil, nutmeg	No data.	No data.	No data.
8008-57-9	Oils, orange, sweet	No data.	No data.	No data.
CAS #	Chemical Name	OSHA TWA	ACGIH TWA	Europe
64-17-5	Ethyl alcohol	PEL: 1000 ppm	TLV: 1000 ppm	No data.
104-55-2	Cinnamaldehyde	No data.	No data.	No data.
64-19-7	Acetic acid	PEL: 10 ppm	TLV: 10 ppm STEL: 15 ppm	TWA: 25 mg/m3
119-36-8	Methyl salicylate	No data.	No data.	No data.
8008-56-8	Oils, lemon	No data.	No data.	No data.
8008-26-2	Lime oil	No data.	No data.	No data.
8007-80-5	Oils, cassia	No data.	No data.	No data.
8008-45-5	Oil, nutmeg	No data.	No data.	No data.
8008-57-9	Oils, orange, sweet	No data.	No data.	No data.

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: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Protective Gloves: Wear appropriate 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: Handle in accordance with good industrial hygiene and safety practice.

8.2.3 Environmental Exposure Controls: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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.
- Sensitization:** No data available.
- 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:** No data available.
- 12.3 Bioaccumulative Potential:** No data available.
- 12.4 Mobility in Soil:** No data available.
- 12.5 Results of PBT and vPvB assessment:** No data available.
- 12.6 Other adverse effects:** No data available.

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

14.1 LAND TRANSPORT (European ADR/RID):

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

UN Number: 1197

Packing Group: III

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
104-55-2	Cinnamaldehyde	No	No	No
64-19-7	Acetic acid	No	Yes 5000 LB	No
119-36-8	Methyl salicylate	No	No	No
8008-56-8	Oils, lemon	No	No	No
8008-26-2	Lime oil	No	No	No
8007-80-5	Oils, cassia	No	No	No
8008-45-5	Oil, nutmeg	No	No	No
8008-57-9	Oils, orange, sweet	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
64-17-5	Ethyl alcohol	CA PROP.65: No
104-55-2	Cinnamaldehyde	CA PROP.65: No
64-19-7	Acetic acid	CA PROP.65: No
119-36-8	Methyl salicylate	CA PROP.65: No
8008-56-8	Oils, lemon	CA PROP.65: No
8008-26-2	Lime oil	CA PROP.65: No
8007-80-5	Oils, cassia	CA PROP.65: No
8008-45-5	Oil, nutmeg	CA PROP.65: No
8008-57-9	Oils, orange, sweet	CA PROP.65: No

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
64-17-5	Ethyl alcohol	REACH: Yes - (R), (P)
104-55-2	Cinnamaldehyde	REACH: Yes - (R), (P)
64-19-7	Acetic acid	REACH: Yes - (R), (P)
119-36-8	Methyl salicylate	REACH: Yes - (R), (P)
8008-56-8	Oils, lemon	REACH: Yes - (P)
8008-26-2	Lime oil	REACH: Yes - (P)
8007-80-5	Oils, cassia	REACH: Yes - (P)
8008-45-5	Oil, nutmeg	REACH: Yes - (R), (P)
8008-57-9	Oils, orange, sweet	REACH: Yes - (P)

European Community Hazard Symbol codes:

European Community Risk and Safety Phrases:

No data available.

Section 16. Other Information

Revision Date: 05/29/2015

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 .