

SAFETY DATA SHEET

Cubano Type Flavor

Page: 1
Printed: 04/14/2014
Revision: 03/28/2014

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:** 00136
Product Name: Cubano Type Flavor
Trade Name: Cubano Type 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
- 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:**
Xi: Irritant
Risk Phrases: R36/37/38
For full text of R- phrases: see SECTION 15.
- 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:**



Xi

2.3 Adverse Human Health Effects and Symptoms:

2.3.1 Inhalation: Low hazard for normal industrial handling. Inhalation of a mist of this material may cause respiratory tract irritation. Material has a low vapor pressure at room temperature, so exposure to vapor is not likely. No hazard expected in normal industrial use. Dust is irritating to the respiratory tract. May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

2.3.2 Skin Contact: May be absorbed through damaged or abraded skin in harmful amounts. Allergic reactions have been reported. A single prolonged skin exposure is not likely to result in the material being absorbed in harmful amounts. Repeated exposures may cause problems. Negative results have consistently been obtained in guinea pigs studies for sensitization. 1,,2-Propylene glycol is not considered an occupational skin sensitizer. (CHEMINFO) Dust may cause mechanical irritation. Low hazard for normal industrial handling. May cause skin irritation. The toxicological properties of this material have not been fully investigated.

2.3.3 Eye Contact: May cause slight transient injury. Dust may cause mechanical irritation. Low hazard for normal industrial handling. The toxicological properties of this material have not been fully investigated.

Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	Risk Phrases/ GHS Classification
57-55-6	Propylene glycol	>=10.0 %	200-338-0 NA	No phrases apply. 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.
35044-68-9	2-Buten-1-one, 1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	< 0.5 %	NA NA	No phrases apply. Skin Sens. 1: H317

Section 4. First Aid Measures

4.1 Description of First Aid Measures:

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

In Case of Skin Contact: In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse. Get medical aid if irritation develops or persists. 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. Get medical aid. Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Treat symptomatically and supportively. Get medical aid if irritation or symptoms occur.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam. Use water fog, dry chemical, carbon dioxide, or regular foam.
- 5.2 Flammable Properties and Hazards:** No data available.
- Flash Pt:** > 200.00 F (93.3 C)
- 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. 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.

Section 6. Accidental Release Measures

- 6.3 Methods and Material For Containment and Cleaning Up:** Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation. Avoid generating dusty conditions. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal.

Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Minimize dust generation and accumulation. Avoid breathing dust. Use only in a well-ventilated area.
- 7.2 Precautions To Be Taken in Storing:** Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from moisture. Store in a cool, dry place. Keep container closed when not in use.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
57-55-6	Propylene glycol	TWA: 474 mg/m ³ (150 ppm) (Total Particulates) TWA: 10 mg/m ³ (Powder)	No data.	No data.
121-33-5	Benzaldehyde, 4-Hydroxy-3-methoxy-	No data.	No data.	No data.
35044-68-9	2-Buten-1-one, 1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	No data.	No data.	No data.
CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
57-55-6	Propylene glycol	No data.	No data.	No data.
121-33-5	Benzaldehyde, 4-Hydroxy-3-methoxy-	No data.	No data.	No data.
35044-68-9	2-Buten-1-one, 1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	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. Use adequate ventilation to keep airborne concentrations low.

8.2.2 Personal protection equipment:

Eye Protection: No data available.

Protective Gloves: No data available.

Other Protective Clothing: No data available.

Respiratory Equipment (Specify Type): No data available.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

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

Appearance and Odor: yellow.
Tobacco taste and aroma.

Melting Point: No data.

Boiling Point: No data.

Flash Pt: > 200.00 F (93.3 C)

Evaporation Rate: No data.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Specific Gravity (Water = 1): No data.

Solubility in Water: No data.

Autoignition Pt: 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: Excess heat, moist air, Light, dust generation, Moisture, Incompatible materials.

10.5 Incompatibility - Materials To Avoid: Strong oxidizing agents.

10.6 Hazardous Decomposition Or Byproducts: Carbon monoxide, Carbon dioxide, irritating and toxic fumes and gases.

Section 11. Toxicological Information

- 11.1 Information on Toxicological Effects:** Epidemiology: No data available.
Teratogenicity: No data available.
Reproductive Effects: Mutagenicity: Experimental mutagen in human lymphocyte cells.
Neurotoxicity: Other Studies:
- Carcinogenicity/Other Information:** CAS# 57-55-6: 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# 1490-04-6: 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:** Ecotoxicity: Water flea Daphnia: EC50 10000 mg/L; 48 HrUnspecified, Bacteria: Phytobacterium phosphoreum: EC50 = 710 mg/L; 30 min; Microtox testFish: Goldfish: LC50 5000 mg/L; 24 Hr; UnspecifiedFish: Guppy: LC50 1000 mg/L; 48 Hr; Unspecified If released to water, 1,2-propanediol is expected to degrade relatively rapidly via biodegradation. If released to soil, relatively rapid biodegradation should also occur. Significant leaching in soil can be predicted.
Environmental: If released to the atmosphere, it is degraded rapidly by reaction with photochemically produced hydroxyl radicals (typical half-life of 32 hr). Physical removal from air by rainfall is possible.
Physical: No information available.
Other: No information available.

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.

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.
- 14.1 LAND TRANSPORT (European ADR/RID):**
ADR/RID Shipping Name:
UN Number:
Hazard Class:

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)
57-55-6	Propylene glycol	No	No	No
121-33-5	Benzaldehyde, 4-Hydroxy-3-methoxy-	No	No	No
35044-68-9	2-Buten-1-one, 1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	No	No	No

European Community Hazard Symbol codes:

European Community Risk and Safety Phrases:

R36/37/38	Irritating to eyes, respiratory system and skin.
S24/25	Avoid contact with skin and eyes.
S22	Do not breathe dust.

Section 16. Other Information

Revision Date: 03/28/2014

Additional Information About No data available.

This Product: