



SAFETY DATA SHEET

Black Currant Flavor

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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:** 00040
Product Name: Black Currant Flavor
Trade Name: Black Currant 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:** Low hazard for normal industrial handling. Inhalation of a mist of this material may cause respiratory tract irritation.
- 2.3.2 Skin Contact:** May be absorbed through damaged or abraded skin in harmful amounts.
- 2.3.3 Eye Contact:** May cause slight transient injury.

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.
928-96-1	3-Hexen-1-ol, (Z)-	1.0 -10.0 %	213-192-8 NA	R10 No data available.
7452-79-1	Ethyl 2 - methylbutyrate	1.0 -10.0 %	231-225-4 NA	R10 No data available.



Section 4. First Aid Measures

4.1 Description of First Aid Measures:

Measures:

In Case of Inhalation: If inhaled, remove to fresh air.

In Case of Skin Contact: In case of contact, flush skin with plenty of water.

Contact:

In Case of Eye Contact: In case of contact, immediately flush eyes with plenty of water for a t least 15 minutes.

Contact:

Note for the Doctor: Persons with impaired kidney function may be more susceptible to the effects of this substance. 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.

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.

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:** Wash thoroughly after handling.

7.2 **Precautions To Be Taken in Storing:** Store in a tightly closed container.

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/m3 (150 ppm) (Total Particulates) TWA: 10 mg/m3 (Powder)	No data.	No data.
928-96-1	3-Hexen-1-ol, (Z)-	No data.	No data.	No data.
7452-79-1	Ethyl 2 - methylbutyrate	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.
928-96-1	3-Hexen-1-ol, (Z)-	No data.	No data.	No data.
7452-79-1	Ethyl 2 - methylbutyrate	No data.	No data.	No data.



8.2 Exposure Controls:

8.2.1 Engineering Controls No data available.
(Ventilation etc.):

8.2.2 Personal protection equipment:

Eye Protection: No data available.

Protective Gloves: No data available.

Other Protective No data available.

Clothing:

Respiratory Equipment No data available.

(Specify Type):

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.
Black Currant.

Melting Point: No data.

Boiling Point: No data.

Flash Pt: No data.

Evaporation Rate: No data.

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

Vapor Pressure (vs. Air or No data.

mm Hg):

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 - No data available.

Hazardous Reactions:

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

Hazardous Reactions:

10.4 Conditions To Avoid - Excess heat, moist air, Incompatible materials, ignition sources.

Instability:

10.5 Incompatibility - Strong oxidizing agents, Strong acids.

Materials To Avoid:

10.6 Hazardous Carbon monoxide, Carbon dioxide, irritating and toxic fumes and gases.

Decomposition Or

Byproducts:



Section 11. Toxicological Information

- 11.1 Information on Toxicological Effects:** Epidemiology: No data available.
Teratogenicity: No data available.
Reproductive Effects: Mutagenicity: Neurotoxicity: Other Studies: No information found.
Teratogenicity: No information available.
- Carcinogenicity/Other Information:** CAS# 57-55-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 928-96-1: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 7452-79-1: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 706-14-9: 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. 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: Not Regulated.
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
928-96-1	3-Hexen-1-ol, (Z)-	No	No	No
7452-79-1	Ethyl 2 - methylbutyrate	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
57-55-6	Propylene glycol	CA PROP.65: No
928-96-1	3-Hexen-1-ol, (Z)-	CA PROP.65: No
7452-79-1	Ethyl 2 - methylbutyrate	CA PROP.65: No

European Community Hazard Symbol codes:

European Community Risk and Safety Phrases:

No data available.

Section 16. Other Information

Revision Date: 03/21/2014

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.