SAFETY DATA SHEET
Black Tea Flavor

Printed: 01/27/2016
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1. Product and Company Identification

Product Code: 342804
Product Name: Black Tea Flavor
Company Name: Perfumer's Apprentice
170 Technology Circle
Scotts Valley, CA 95066
Phone Number: (831)316-7137
Web site address: Perfumersapprentice.com
Emergency Contact: Chem-Tel Phone (800)255-3924

2. Hazards Identification

Flammable Liquids, Category 3
Skin Corrosion/Irritation, Category 3

GHS Signal Word: **Warning**

GHS Hazard Phrases:
H226: Flammable liquid and vapor.
H316: Causes mild skin irritation.

GHS Precaution Phrases:
P210: Keep away from {heat/sparks/open flames/hot surfaces}. - No smoking.
P233: Keep container tightly closed.
P241: Use explosion-proof electrical/ventilating/lighting/{.../} equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P280: Wear {protective gloves/protective clothing/eye protection/face protection}.

GHS Response Phrases:
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P332+313: If skin irritation occurs, get medical advice/attention.

GHS Storage and Disposal Phrases:
P403+235: Store in cool/well-ventilated place.
P501: Dispose of contents/container to {...}.

Potential Health Effects (Acute and Chronic): No data available.

Inhalation: Causes respiratory tract irritation.

Skin Contact: May cause sensitization by skin contact.

Eye Contact: Causes eye irritation.

Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
64-17-5	Ethyl alcohol	90.0 -99.0 %
8023-91-4	Oils, galbanum	< 1.0 %
8007-75-8	Oils, Bergamot	< 1.0 %
8021-29-2	Oils, siberian fir	< 0.5 %
8007-02-1	Oils, lemongrass	< 0.5 %

4. First Aid Measures

Emergency and First Aid Procedures: No data available.

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

In Case of Skin Contact: Wash off with soap and plenty of water.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

In Case of Ingestion: If swallowed, wash out mouth with water provided person is conscious.

Signs and Symptoms Of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Note to Physician: Treat symptomatically and supportively. Consult a physician.

5. Fire Fighting Measures

Flash Pt: 145.00 F

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

Autoignition Pt: No data.

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam. 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. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective.

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. Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Flammable Properties and Hazards: No data available.

6. Accidental Release Measures

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

Steps To Be Taken In Case Material Is Released Or Spilled: Dike to collect large liquid spills.

7. Handling and Storage

Precautions To Be Taken in Handling: Keep away from heat, sparks and flame.

Precautions To Be Taken in Storing: Keep away from sources of ignition. Store in a cool, dry place. Suitable: Keep container closed. Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64-17-5	Ethyl alcohol	PEL: 1000 ppm	TLV: 1000 ppm	No data.
8023-91-4	Oils, galbanum	No data.	No data.	No data.
8007-75-8	Oils, Bergamot	No data.	No data.	No data.
8021-29-2	Oils, siberian fir	No data.	No data.	No data.
8007-02-1	Oils, lemongrass	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Hand: Compatible chemical-resistant gloves. 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.

Eye Protection: Not available. Chemical safety goggles. 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. Safety glasses with side-shields conforming to EN166.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

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

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

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

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

Appearance and Odor: Transparent yellow liquid.
Tea taste and aroma.

Melting Point: No data.

Boiling Point: No data.

Autoignition Pt: No data.

Flash Pt: 145.00 F

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

Specific Gravity (Water = 1): 0.8137 at 22.0 C

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

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

Evaporation Rate: No data.

Solubility in Water: No data.

Percent Volatile: No data.

10. Stability and Reactivity

Stability: Unstable [ ] Stable [X]

Conditions To Avoid - Instability: Incompatible materials, ignition sources, dust generation, Heat, flames and sparks.

Incompatibility - Materials To Avoid: Mineral acids.

Hazardous Decomposition Or Byproducts: Carbon monoxide, formed under fire conditions. Carbon oxides.

Possibility of Hazardous Reactions: Will occur [ ] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: 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 considererd and handled as if it displayed health hazards and consequently treated with all possible precaution.

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

12. Ecological Information

General Ecological Information: 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.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. Disposal Considerations

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.

14. Transport Information

GHS Classification: Flammable Liquids, Category 3 - Warning! Flammable liquid and vapor
Skin Corrosion/Irritation, Category 3 - Warning! Causes mild skin irritation

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Extracts , Flavoring, Liquid.
DOT Hazard Class: 3 FLAMMABLE LIQUID
UN/NA Number: 1197 **Packing Group:** II

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Extracts , Flavoring, Liquid.

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Extracts , Flavoring, Liquid.
UN Number: 1197 **Packing Group:** II
Hazard Class: 3 - FLAMMABLE LIQUID

MARINE TRANSPORT (IMDG/IMO):

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

AIR TRANSPORT (ICAO/IATA):

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

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
8023-91-4	Oils, galbanum	No	No	No
8007-75-8	Oils, Bergamot	No	No	No
8021-29-2	Oils, siberian fir	No	No	No
8007-02-1	Oils, lemongrass	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

[X] Yes [ ] No Acute (immediate) Health Hazard
[ ] Yes [X] No Chronic (delayed) Health Hazard
[X] Yes [ ] No Fire Hazard
[ ] Yes [X] No Sudden Release of Pressure Hazard
[ ] Yes [X] No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
64-17-5	Ethyl alcohol	
8023-91-4	Oils, galbanum	
8007-75-8	Oils, Bergamot	
8021-29-2	Oils, siberian fir	
8007-02-1	Oils, lemongrass	

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
64-17-5	Ethyl alcohol	REACH: (R), (P)
8023-91-4	Oils, galbanum	
8007-75-8	Oils, Bergamot	REACH: (P)
8021-29-2	Oils, siberian fir	REACH: (P)
8007-02-1	Oils, lemongrass	REACH: (P)

16. Other Information

Revision Date:	04/29/2014
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 .