SAFETY DATA SHEET
Turkish Flavor

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

Product Code: 225B83
Product Name: Turkish 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

Respiratory Sensitization, Category 1
Carcinogenicity, Category 2

GHS Signal Word: **Danger**

GHS Hazard Phrases:
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H351: Suspected of causing cancer {state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard}.

GHS Precaution Phrases:
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P261: Avoid breathing {dust/fume/gas/mist/vapors/spray}.
P280: Wear {protective gloves/protective clothing/eye protection/face protection}.
P285: In case of inadequate ventilation wear respiratory protection.

GHS Response Phrases:
P304+341: IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
P308+313: IF exposed or concerned: Get medical attention/advice.
P342+311: If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.

GHS Storage and Disposal Phrases:
P405: Store locked up.
P501: Dispose of contents/container to {...}.

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

Inhalation: May cause respiratory irritation.

Skin Contact: Harmful in contact with skin

Eye Contact: Causes eye irritation

Ingestion: Harmful if swallowed

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
57-55-6	Propylene glycol	80.0 -90.0 %
4940-11-8	2 - Ethyl - 3 - hydroxy - 4 - pyrone	1.0 -5.0 %
121-33-5	Vanillin	1.0 -5.0 %
121-32-4	Benzaldehyde, 3-ethoxy-4-hydroxy-	1.0 -5.0 %
78-59-1	Isophorone	1.0 -5.0 %
60-12-8	Phenethyl alcohol	1.0 %
23726-92-3	(Z) - 1 - (2,6,6 - Trimethyl - 1 - cyclohexen - 1 - yl)	1.0 %

	- 2 - buten - 1 - one *	
24720-09-0	(E) - 1 - (2,6,6 - Trimethyl - 2 - cyclohexen - 1 - yl) - 2 - buten - 1 - one *	1.0 %
100-51-6	Benzenemethanol	1.0 %
8007-00-9	Balsams, Peru. * Extractives and their physically modified derivatives such as tinctures, concretes	1.0 %

4. First Aid Measures

Emergency and First Aid Procedures: No data available.

In Case of Inhalation: Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen.

In Case of Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In Case of Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician. Drink plenty of water.

Note to Physician: Treat symptomatically.

5. Fire Fighting Measures

Flash Pt: 200.00 F

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

Autoignition Pt: No data.

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

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 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: Handle in accordance with good industrial hygiene and safety practice.

Precautions To Be Taken in Storing: 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
57-55-6	Propylene glycol	No data.	No data.	No data.
4940-11-8	2 - Ethyl - 3 - hydroxy - 4 - pyrone	No data.	No data.	No data.
121-33-5	Vanillin	No data.	No data.	No data.
121-32-4	Benzaldehyde, 3-ethoxy-4-hydroxy-	No data.	No data.	No data.
78-59-1	Isophorone	PEL: 25 ppm	CEIL: 5 ppm	No data.
60-12-8	Phenethyl alcohol	No data.	No data.	No data.
23726-92-3	(Z) - 1 - (2,6,6 - Trimethyl - 1 - cyclohexen - 1 - yl) - 2 - buten - 1 - one *	No data.	No data.	No data.
24720-09-0	(E) - 1 - (2,6,6 - Trimethyl - 2 - cyclohexen - 1 - yl) - 2 - buten - 1 - one *	No data.	No data.	No data.
100-51-6	Benzenemethanol	No data.	No data.	No data.
8007-00-9	Balsams, Peru. * Extractives and their physically modified derivatives such as tinctures, concretes	No data.	No data.	No data.

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.

Eye Protection: Safety glasses

Protective Gloves: Protective gloves.

Other Protective Clothing: Wear suitable protective clothing.

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. Physical and Chemical Properties

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

Appearance and Odor: Brown liquid.
Tobacco taste and aroma.

Melting Point: No data.

Boiling Point: No data.

Autoignition Pt: No data.

Flash Pt: 200.00 F

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

Specific Gravity (Water = 1): 1.052 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: No data available.

Incompatibility - Materials To Avoid: No data available.

Hazardous Decomposition Or Byproducts: No data available.

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.

Chronic Toxicological Effects: Suspected of causing cancer.

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.

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: Respiratory Sensitization, Category 1 - Danger! May cause allergy or asthma symptoms or breathing difficulties if inhaled
Carcinogenicity, Category 2 - Warning! Suspected of causing cancer

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not Regulated.
UN Number:
Hazard Class:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

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
4940-11-8	2 - Ethyl - 3 - hydroxy - 4 - pyrone	No	No	No
121-33-5	Vanillin	No	No	No
121-32-4	Benzaldehyde, 3-ethoxy-4-hydroxy-	No	No	No
78-59-1	Isophorone	No	Yes 5000 LB	No
60-12-8	Phenethyl alcohol	No	No	No
23726-92-3	(Z) - 1 - (2,6,6 - Trimethyl - 1 - cyclohexen - 1 - yl) - 2 - buten - 1 - one *	No	No	No
24720-09-0	(E) - 1 - (2,6,6 - Trimethyl - 2 - cyclohexen - 1 - yl) - 2 - buten - 1 - one *	No	No	No
100-51-6	Benzenemethanol	No	No	No
8007-00-9	Balsams, Peru. * Extractives and their physically modified derivatives such as tinctures, concretes	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
[X] Yes	[ ] No	Chronic (delayed) Health Hazard
[ ] Yes	[X] 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
57-55-6	Propylene glycol	
4940-11-8	2 - Ethyl - 3 - hydroxy - 4 - pyrone	
121-33-5	Vanillin	
121-32-4	Benzaldehyde, 3-ethoxy-4-hydroxy-	
78-59-1	Isophorone	
60-12-8	Phenethyl alcohol	
23726-92-3	(Z) - 1 - (2,6,6 - Trimethyl - 1 - cyclohexen - 1 - yl) - 2 - buten - 1 - one *	
24720-09-0	(E) - 1 - (2,6,6 - Trimethyl - 2 - cyclohexen - 1 - yl) - 2 - buten - 1 - one *	
100-51-6	Benzenemethanol	
8007-00-9	Balsams, Peru. * Extractives and their physically modified derivatives such as tinctures, concretes	

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
57-55-6	Propylene glycol	REACH: (R), (P)
4940-11-8	2 - Ethyl - 3 - hydroxy - 4 - pyrone	REACH: (P)
121-33-5	Vanillin	REACH: (R), (P)
121-32-4	Benzaldehyde, 3-ethoxy-4-hydroxy-	REACH: (R), (P)
78-59-1	Isophorone	REACH: (R), (P)
60-12-8	Phenethyl alcohol	REACH: (R), (P)
23726-92-3	(Z) - 1 - (2,6,6 - Trimethyl - 1 - cyclohexen - 1 - yl) - 2 - buten - 1 - one *	REACH: (P)
24720-09-0	(E) - 1 - (2,6,6 - Trimethyl - 2 - cyclohexen - 1 - yl) - 2 - buten - 1 - one *	REACH: (P)
100-51-6	Benzenemethanol	REACH: (R), (P)
8007-00-9	Balsams, Peru. * Extractives and their physically modified derivatives such as tinctures, concretes	REACH: (P)

16. Other Information

Revision Date: 05/22/2014

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 .