

Page: 1 Printed: 06/30/2015 Revision: 06/16/2014

1. Product and Company Identification

Product Code: 00230

Product Name: HPNO Flavor Trade Name: HPNO Flavor

Company Name: Perfumer's Apprentice Phone Number: 170 Technology Circle (831)316-7137

Scotts Valley, CA 95066

Web site address: Perfumersapprentice.com

Emergency Contact: Chem-Tel Phone (800)255-3924

# 2. Hazards Identification

Flammable Liquids, Category 3



GHS Signal Word: Warning

GHS Hazard Phrases: H226: Flammable liquid and vapor.

GHS Precaution Phrases: P210: Keep away from {heat/sparks/open flames/hot surfaces}. - No smoking.

P233: Keep container tightly closed.

P240: Ground/bond container and receiving equipment.

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.

P370+378: In case of fire, use {...} to extinguish.

**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):

Inhalation:May be harmful if inhaled.Skin Contact:May cause skin irritation.Eye Contact:May cause eye irritation.Ingestion:May cause skin irritation.

# 3. Composition/Information on Ingredients

CAS # Hazardous Components (Chemical Name) Concentration

64-17-5 Ethyl alcohol >=10.0 %



Page: 2 Printed: 06/30/2015 Revision: 06/16/2014

#### 4. First Aid Measures

**Emergency and First Aid** 

**Procedures:** 

In Case of Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen.

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

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

In Case of Ingestion: Wash mouth out with water.

Note to Physician: Persons with impaired kidney function may be more susceptible to the effects of this

substance. Treat symptomatically and supportively.

#### 5. Fire Fighting Measures

Flash Pt: 111.00 F

**Explosive Limits:** LEL: UEL:

**Autoignition Pt:** 

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

As in any fire, wear a self-contained breathing apparatus in pressure-demand, Fire Fighting Instructions:

MSHA/NIOSH (approved or equivalent), and full protective gear.

Flammable Properties and

Hazards:

#### 6. Accidental Release Measures

**Protective Precautions,** 

**Protective Equipment and** 

**Emergency Procedures:** 

Steps To Be Taken In Case

Material Is Released Or

Spilled:

Ensure adequate ventilation.

Dike to collect large liquid spills.

# 7. Handling and Storage

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.

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.

# 8. Exposure Controls/Personal Protection

CAS# **Partial Chemical Name OSHA TWA ACGIH TWA Other Limits** 

PEL: 1000 ppm TLV: 1000 ppm 64-17-5 Ethyl alcohol

**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.

**Eye Protection:** 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.

**Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure.

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

**Engineering Controls** 

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. (Ventilation etc.):

Wash thoroughly after handling. Work/Hygienic/Maintenance



Page: 3 Printed: 06/30/2015 Revision: 06/16/2014

**Practices:** 

	9. Physical and Chemical Properties
Physical States:	[ ] Gas [ X ] Liquid [ ] Solid
Appearance and Odor:	Slightly hazy yellow liquid. Citrus and fruit taste and aroma.
Melting Point:	
Boiling Point:	
Autoignition Pt:	
Flash Pt:	111.00 F
Explosive Limits:	LEL: UEL:
Specific Gravity (Water = 1):	0.8137 at 22.0 C
Vapor Pressure (vs. Air or mm Hg):	
Vapor Density (vs. Air = 1):	
Evaporation Rate:	
Solubility in Water:	
Percent Volatile:	
	10. Stability and Reactivity
Stability:	Unstable [ ] Stable [ X ]
Conditions To Avoid - Instability:	
Incompatibility - Materials To Avoid:	
Hazardous Decomposition Or Byproducts:	
Possibility of Hazardous Reactions:	Will occur [ ] Will not occur [ X ]
Conditions To Avoid - Hazardous Reactions:	
	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

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.

#### Licensed to Perfumers Apprentice

**General Ecological** 

Information:



Page: 4 Printed: 06/30/2015 Revision: 06/16/2014

# 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

LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Extracts, Flavoring, Liquid.

**DOT Hazard Class:** 3 FLAMMABLE LIQUID

UN/NA Number: UN1197 Packing Group: III



LAND TRANSPORT (Canadian TDG):

**TDG Shipping Name:** Extracts, Flavoring, Liquid.

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Extracts, Flavoring, 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

This material meets the EPA [ ] Yes [X] No Acute (immediate) Health Hazard 'Hazard Categories' defined [ ] Yes [X] No Chronic (delayed) Health Hazard for SARA Title III Sections [X] Yes [ ] No Fire Hazard

**311/312 as indicated:** [ ] 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

CAS # Hazardous Components (Chemical Name) International Regulatory Lists

64-17-5 Ethyl alcohol REACH: (R), (P)



Page: 5 Printed: 06/30/2015 Revision: 06/16/2014

# 16. Other Information

**Revision Date:** 06/16/2014

**This Product:** 

Additional Information About 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 .