

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:** 00030
Product Name: Absinthe 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 |
| Web site address: | Perfumersapprentice.com | |
- 1.4 Emergency telephone number:**
- | | | |
|---------------------------|----------------|---------------|
| Emergency Contact: | Chem-Tel Phone | (800)255-3924 |
|---------------------------|----------------|---------------|

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
- 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:**
Flammable Liquids, Category 3
- 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:** Warning
- GHS Hazard Phrases:**
Flammable liquid and vapor.
- GHS Precaution Phrases:**
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Keep container tightly closed.
Use explosion-proof electrical/ventilating/lighting/.../ equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wear protective gloves/protective clothing/eye protection/face protection.
- GHS Response Phrases:**
IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- GHS Storage and Disposal Phrases:**
Store in cool/well-ventilated place.
Dispose of contents/container to ...



2.2.2 Labeling according to Directive 1999/45/EC:

2.3 Adverse Human Health Prolonged or repeated exposure may cause kidney and liver damage.
Effects and Symptoms:

- 2.3.1 Inhalation:** Harmful if inhaled.
- 2.3.2 Skin Contact:** Causes moderate skin irritation.
- 2.3.3 Eye Contact:** Causes severe eye irritation.
- 2.3.4 Ingestion:** Harmful if swallowed.

Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	Risk Phrases/ GHS Classification
64-17-5	Ethyl alcohol	90.0 %	200-578-6 603-002-00-5	F; R11 Flam. Liq. 2: H225
68952-43-2	Oils, star anise	10.0 %	NA NA	No phrases apply. Aquatic (C) 4: H413

Section 4. First Aid Measures

4.1 Description of First Aid

Measures:

In Case of Inhalation: Remove from exposure and move to fresh air immediately.

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

Contact:

In Case of Eye Contact: Gently lift eyelids and flush continuously with water. Flush eyes with water as a precaution.

4.2 Important Symptoms and Effects, Both Acute and Delayed: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 5. Fire Fighting Measures

5.1 Suitable Extinguishing Media: For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

5.2 Flammable Properties and Hazards:

Flash Pt: 135.00 F (57.2 C)

Explosive Limits: LEL: UEL:

Autoignition Pt:

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

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:**
- 6.2 Environmental Precautions:**
- 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.

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:** Keep away from heat, sparks and flame.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
64-17-5	Ethyl alcohol	TWA: 1920 mg/m3 (1000 ppm) STEL: ()	TWA: 1900 mg/m3 (1000 ppm) STEL: 9500 mg/m3 (5000 ppm)	
68952-43-2	Oils, star anise			
CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64-17-5	Ethyl alcohol	PEL: 1000 ppm	TLV: 1000 ppm	
68952-43-2	Oils, star anise			

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 with adequate ventilation.
- 8.2.2 Personal protection equipment:**
- Eye Protection:** Safety glasses.
- Protective Gloves:**
- Other Protective Clothing:** Wear appropriate clothing to prevent skin exposure.
- 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.
- Work/Hygienic/Maintenance Practices:** General industrial hygiene practice.

Section 11. Toxicological Information

- 11.1 Information on Acute toxicity:**
- Toxicological Effects:**
- Irritation or Corrosion:** No data available.
- Sensitization:** No data available.
- Chronic Toxicological Effects:** IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
- OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
- Carcinogenicity/Other Information:** CAS# 64-17-5: 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:** 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.
- 12.2 Persistence and Degradability:**
- 12.3 Bioaccumulative Potential:**
- 12.4 Mobility in Soil:**
- 12.5 Results of PBT and vPvB assessment:**
- 12.6 Other adverse effects:**

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. Product.
- This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber.
- Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.
- Contaminated packaging.

Dispose of as unused product.

Section 14. Transport Information

GHS Classification: Flammable Liquids, Category 3 - Warning! Flammable liquid and vapor

14.1 LAND TRANSPORT (US DOT):

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



14.1 LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Extracts , Flavoring, Liquid.

14.1 LAND TRANSPORT (European ADR/RID):

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

14.2 MARINE TRANSPORT (IMDG/IMO):

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

14.3 AIR TRANSPORT (ICAO/IATA):

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

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)
64-17-5	Ethyl alcohol	No	No	No
68952-43-2	Oils, star anise	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	International Regulatory
64-17-5	Ethyl alcohol		REACH: (R), (P)
68952-43-2	Oils, star anise		



European Community Hazard Symbol codes:

European Community Risk and Safety Phrases:

Section 16. Other Information

Revision Date: 03/20/2014

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.