

PO BOX 337
Necedah, WI 54646

Product: **Beer**
Product#: **FOBEER**

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1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade Name: Beer

Product/Sales No: FOBEER

UFI#

1.2 Relevant identified product use

Intended use: Compound used in customer substance/mixture/product

1.3 Details of the manufacturer/supplier of the safety data sheet

Manufacturer: INDIGO FRAGRANCE
PO BOX 337
Necedah, WI 54646

1.4 Emergency telephone number

(24 Hours)
Chemtrec: 800-424-9300 (for U.S., Canada, Mexico)
703-527-3887 (International)

2. Hazards Identification

2.1 Classification of the substance or mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

Classification according to GHS

Acute Toxicity Oral, Category 5	H303 : May be harmful if swallowed
Skin Corrosion/Irritation, Category 3	H316 : Causes mild skin irritation
Sensitization, Skin, Category 1B	H317 : May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 1	H318 : Causes serious eye damage
Acute Toxicity Inhalation, Category 5	H333 : May be harmful if inhaled
Aquatic Acute Toxicity, Category 2	H401 : Toxic to aquatic life
Aquatic Chronic Toxicity, Category 3	H412 : Harmful to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

Sensitization, Skin, Category 1B	H317 : May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 1	H318 : Causes serious eye damage

Classification Other

Carcinogenicity

This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [] IARC [] NTP [] OSHA []

2.2 Label elements

Labelling (GHS)

Hazard pictograms



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Signal Word: Danger

Hazard statements

- H303 May be harmful if swallowed
- H316 Causes mild skin irritation
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H333 May be harmful if inhaled
- H401 Toxic to aquatic life
- H412 Harmful to aquatic life with long lasting effects

Precautionary Statements

Prevention:

- P264 Wash hands thoroughly after handling
- P272 Contaminated work clothing should not be allowed out of the workplace
- P273 Avoid release to the environment

Response:

- P302 + P352 IF ON SKIN: Wash with soap and water
- P304 + P312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. continue rinsing
- P310 Immediately call a POISON CENTER or doctor/physician
- P312 Call a POISON CENTER or doctor/physician if you feel unwell
- P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention
- P363 Wash contaminated clothing before reuse

2.3 Other Hazards

no data available

3. Composition/Information on Ingredients

3.1 Mixtures

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

CAS# Ingredient	EC#	Conc. Range	GHS Classification
34590-94-8 <i>PPG-2 methyl ether</i>	252-104-2	5 - 10 %	H227
103-45-7 <i>Phenethyl acetate</i>	203-113-5	2 - 5 %	H303; H318; H402
4940-11-8 <i>Ethyl Maltol</i>	225-582-5	2 - 5 %	H302; H401
60-12-8 <i>phenethyl alcohol</i>	200-456-2	2 - 5 %	H302; H313; H316; H319

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CAS# Ingredient	EC#	Conc. Range	GHS Classification
120-51-4 <i>Benzyl Benzoate</i>	204-402-9	2 - 5 %	H302; H313; H400; H411
106-32-1 <i>Ethyl octanoate</i>	203-385-5	2 - 5 %	H227; H401; H411
104-62-1 <i>Phenethyl formate</i>	203-220-7	2 - 5 %	H303; H316
93-16-3 <i>Methyl isoeugenol (Isoeugenyl methyl ether)</i>	202-224-6	1 - 2 %	H303; H317; H402
123-29-5 <i>Ethyl nonanoate (Ethyl pelargonate)</i>	204-615-7	1 - 2 %	H227; H316
78-70-6 <i>Linalool</i>	201-134-4	0.1 - 1.0 %	H227; H303; H315; H317; H319; H402
77-83-8 <i>Ethyl Methylphenylglycidate</i>	201-061-8	0.1 - 1.0 %	H317; H401; H411

See Section 16 for full text of GHS classification codes

See Section 16 for full text of GHS classification codes which were not shown in section 2

Total Hydrocarbon Content (% w/w) = 0.00

4. First Aid Measures

4.1 Description of first aid measures

Inhalation:	Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
Eye Exposure:	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
Skin Exposure:	Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.
Ingestion:	Rinse mouth with water and obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	no data available
Risks:	Refer to Section 2.2 "Hazard Statements"

4.3 Indication of any immediate medical attention and special treatment needed

Treatment:	Refer to Section 2.2 "Response"
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5. Fire-Fighting measures

5.1 Extinguishing media

Suitable:	Carbon dioxide (CO ₂), Dry chemical, Foam
Unsuitable:	Do not use a direct water jet on burning material

5.2 Special hazards arising from the substance or mixture

During fire fighting:	Water may be ineffective
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5.3 Advice for firefighters

Further information: Standard procedure for chemical fires

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental precautions

Keep away from drains, soil, and surface and groundwater.

6.3 Methods and materials for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to other sections

Not Applicable

7. Handling and Storage

7.1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid uncoated metal container. Keep air contact to a minimum.

7.3 Specific end uses

No information available

8. Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits:

Component

ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
100	150	100	

34590-94-8 PPG-2 methyl ether

Engineering Controls: Use local exhaust as needed.

8.2 Exposure controls - Personal protective equipment

Eye protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure

Respiratory protection: Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

Skin protection: Avoid Skin contact. Use chemically resistant gloves as needed.

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9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Odor:	Conforms to Standard
Color:	Colorless to Yellow (G4)
Viscosity:	Liquid
Freezing Point:	Not determined
Boiling Point:	Not determined
Melting Point:	Not determined
Flashpoint (CCCFP):	>200 F (93.33 C)
Auto flammability:	Not determined
Explosive Properties:	None Expected
Oxidizing properties:	None Expected
Vapor Pressure (mmHg@20 C):	0.0479
%VOC:	9.70
Specific Gravity @ 25 C:	0.9520
Density (g/mL) @ 25 C:	0.9490
Refractive Index @ 20 C:	1.4580
Soluble in:	Oil

10. Stability and Reactivity

10.1 Reactivity	None
10.2 Chemical stability	Stable
10.3 Possibility of hazardous reactions	None known
10.4 Conditions to avoid	None known
10.5 Incompatible materials	Strong oxidizing agents, strong acids, and alkalis
10.6 Hazardous decomposition products	None known

11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

Acute toxicity - Oral - (Rat) mg/kg	(LD50: 4115.2263) May be harmful if swallowed
Acute toxicity - Dermal - (Rabbit) mg/kg	Not classified - the classification criteria are not met
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LD50: 91.3475) May be harmful if inhaled
Skin corrosion / irritation	Causes mild skin irritation
Serious eye damage / irritation	Causes serious eye damage
Respiratory sensitization	Not classified - the classification criteria are not met

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Skin sensitization	May cause an allergic skin reaction
Germ cell mutagenicity	Not classified - the classification criteria are not met
Carcinogenicity	Not classified - the classification criteria are not met
Reproductive toxicity	Not classified - the classification criteria are not met
Specific target organ toxicity - single exposure	Not classified - the classification criteria are not met
Specific target organ toxicity - repeated exposure	Not classified - the classification criteria are not met
Aspiration hazard	Not classified - the classification criteria are not met

12. Ecological Information

12.1 Toxicity

Acute aquatic toxicity	Toxic to aquatic life
Chronic aquatic toxicity	Harmful to aquatic life with long lasting effects
Toxicity Data on soil	no data available
Toxicity on other organisms	no data available

12.2 Persistence and degradability	no data available
12.3 Bioaccumulative potential	no data available
12.4 Mobility in soil	no data available
12.5 Other adverse effects	no data available

13. Disposal Conditions

13.1 Waste treatment methods

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

14. Transport Information

Marine Pollutant	No			
Regulator		Class	Pack Group	Sub Risk
U.S. DOT (Non-Bulk)		Not Regulated - Not Dangerous Goods		
Chemicals NOI				
ADR/RID (International Road/Rail)		Not Regulated - Not Dangerous Goods		
Chemicals NOI				
IATA (Air Cargo)		Not Regulated - Not Dangerous Goods		
Chemicals NOI				
IMDG (Sea)		Not Regulated - Not Dangerous Goods		
Chemicals NOI				

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15. Regulatory Information

U.S. Federal Regulations

TSCA (Toxic Substance Control Act) All components of the substance/mixture are listed or exempt
40 CFR(EPCRA, SARA, CERCLA and CAA) This product contains NO components of concern.

U.S. State Regulations

California Proposition 65 Warning No Warning required

Canadian Regulations

DSL 100.00% of the components are listed or exempt.

16. Other Information

GHS H-Statements referred to under section 3 and not listed in section 2

H227 : Combustible liquid	H302 : Harmful if swallowed
H313 : May be harmful in contact with skin	H315 : Causes skin irritation
H319 : Causes serious eye irritation	H400 : Very Toxic to aquatic life
H402 : Harmful to aquatic life	H411 : Toxic to aquatic life with long lasting effects

Total Fractional Values

(TFV) Risk	(TFV) Risk
(54.74) Acute Toxicity Inhalation, Category 5	(5.54) Eye Damage/Eye Irritation, Category 2A
(2.52) Aquatic Chronic Toxicity, Category 3	(1.72) Aquatic Acute Toxicity, Category 2
(1.67) Eye Damage/Eye Irritation, Category 1	(1.22) Acute Toxicity Oral, Category 5
(1.20) Sensitization, Skin, Category 1B	(1.20) Skin Corrosion/Irritation, Category 3

Remarks

This safety data sheet is based on the properties of the material known to Indigo Fragrance at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment Indigo Fragrance holds no responsibility. This document is not intended for quality assurance purposes.