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SECTION 1: Identification

1.1 Product identifier

SWEET GRASS

Product form: Fragrance oil mixture

Indigo product code: FOSG

1.2 Relevant identified uses

Compound used in customer substance/mixture/product.

1.3 Details of the supplier of the safety data sheet

Indigo Fragrance

1058 Edgewood Drive

Adams, Wisconsin 53910

Phone: 608-472-5577

IndigoFragrance.com

1.4 Emergency telephone number

(800) 255-3924 - Domestic USA, Canada, Puerto Rico, and US Virgin Islands

+1 813 248-0585 - International

SECTION 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 2A	H319 : Causes serious eye irritation
Acute Toxicity Inhalation, Category 5	H333 : May be harmful if inhaled
Aquatic Acute Toxicity, Category 1	H400 : Very Toxic to aquatic life
Aquatic Chronic Toxicity, Category 2	H411 : Toxic to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

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Sensitization, Skin, Category 1B	H317 : May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 2A	H319 : Causes serious eye irritation
Reproductive Toxicity, Category 2	H361 : Suspected of damaging fertility or the unborn child

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



Signal Word: Warning

Hazard statements

H303	May be harmful if swallowed
H316	Causes mild skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H333	May be harmful if inhaled
H361	Suspected of damaging fertility or the unborn child
H400	Very Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment
P281	Use personal protective equipment as required

Response:

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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	
P308 + P313	IF exposed or concerned: Get medical advice/attention
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
P337 + P313	If eye irritation persists: Get medical advice/attention
P363	Wash contaminated clothing before reuse
P391	Collect Spillage

2.3 Other Hazards

no data available

SECTION 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#		Conc.	
EC#	Range	GHS Classification	
Ingredient			
CAS#		Conc.	
EC#	Range	GHS Classification	
Ingredient			
120-51-4	204-402-9	20 - 30 %	H302; H313; H400; H411
Benzyl Benzoate			
1222-05-5	214-946-9	5 - 10 %	H316; H400; H410
Hexamethylindanopyran			
107-75-5	203-518-7	2-5%	H317; H319; H402
Hydroxycitronellal			

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60-12-8	200-456-2	2-5%	H302; H313; H316; H319
phenethyl alcohol			
127-51-5	204-846-3	1-2%	H316; H317; H320; H401; H411
a-Isomethyl ionone			
68912-13-0	272-805-7	1-2%	H401; H411
Hexahydro-methanoindenyl Propionate			
128-37-0	204-881-4	1-2%	H316; H400; H410
BHT			
24851-98-7	246-495-9	1-2%	H402
Methyldihydrojasmonate			
118-58-1	204-262-9	1-2%	H303; H317; H320; H401; H412
Benzyl Salicylate			
103-95-7	203-161-7	0.1 - 1.0 %	H227; H303; H315; H317; H401; H412
Cyclamen Aldehyde			
32388-55-9	251-020-3	0.1 - 1.0 %	H303; H317; H400; H410
Acetyl cedrene			
122-78-1	204-574-5	0.1 - 1.0 %	H227; H302; H313; H314; H317; H318;
Phenylacetaldehyde			H401; H412
68737-61-1	272-113-5	0.1 - 1.0 %	H227; H303; H313; H315; H317; H401;
Dimethyltetrahydro Benzaldehyde			H411
470-82-6	207-431-5	0.1 - 1.0 %	H226; H303; H317; H320; H402
Eucalyptol			
1205-17-0	214-881-6	0.1 - 1.0 %	H303; H317; H361; H401; H411
a-Methyl-1,3-benzodioxole-5-propionaldehyde			

See Section 16 for full text of GHS classification codes

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

Total Hydrocarbon Content (% w/w) = 0.14

SECTION 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.

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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"

SECTION 5: Fire-Fighting measures

5.1 Extinguishing media

Suitable:	Carbon dioxide (CO2), 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

5.3 Advice for firefighters

Further information:	Standard procedure for chemical fires

SECTION 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.

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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

SECTION 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

SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits:

Component	ACGIH	ACGIH	OSHA	OSHA
TWA ppm	STEL ppm TWA ppm	STEL ppm		
128-37-0	BHT	2		
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

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Respiratory protection:	Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.
Skin protection:	Avoid Skin contact. Use chemically resistant gloves as needed.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Odor:	Conforms to Standard
Color:	Conforms to Standard
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):	0.0120
%VOC:	1.24
Specific Gravity @ 25 C:	Not determined
Density (g/mL) @ 25 C:	Not determined
Refractive Index @ 20 C:	Not determined
Soluble in:	Oil

SECTION 10: Stability and Reactivity

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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

SECTION 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: 3108.0092) 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: 184.1852) May be harmful if inhaled
Skin corrosion / irritation	Causes mild skin irritation
Serious eye damage / irritation	Causes serious eye irritation
Respiratory sensitization	Not classified - the classification criteria are not met
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	Suspected of damaging fertility or the unborn child
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

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SECTION 12: Ecological Information

12.1 Toxicity

Acute acquatic toxicity	Very Toxic to aquatic life
Chronic acquatic toxicity	Toxic 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

SECTION 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.

SECTION 14: Transport Information

Marine Pollutant	Yes. Ingredient of greatest environmental impact :			
120-51-4 : (20 - 30 %) : Benzyl Benzoate				
Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk)	Not Regulated - Not Dangerous Goods			
Chemicals NOI				
ADR/RID (International Road/Rail)				
Environmentally Hazardous	9	III		UN3082
Substance, Liquid, n.o.s.				
IATA (Air Cargo)				

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Environmentally Hazardous	9	III	UN3082
Substance, Liquid, n.o.s.			

IMDG (Sea)

Environmentally Hazardous	9	III	UN3082
Substance, Liquid, n.o.s.			

SECTION 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 the following components:
1222-05-5	214-946-9 5 - 10 % Hexamethylindanopyran

U.S. State Regulations

California Proposition 65 Warning	No Warning required

Canadian Regulations

DSL	100.00% of the components are listed or exempt.

SECTION 16: Other Information

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

H226 : Flammable liquid and vapour	H227 : Combustible liquid
H302 : Harmful if swallowed	H313 : May be harmful in contact with skin
H314 : Causes severe skin burns and eye damage	H315 : Causes skin irritation
H317 : May cause an allergic skin reaction	H318 : Causes serious eye damage
H320 : Causes eye irritation	H401 : Toxic to aquatic life
H402 : Harmful to aquatic life	H410 : Very toxic to aquatic life with long lasting effects

H412 : Harmful to aquatic life with long lasting effects

Total Fractional Values

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(TFV) Risk	(TFV) Risk
(37.68) Aquatic Chronic Toxicity, Category 3	(27.15) Acute Toxicity Inhalation, Category 5
(3.76) Aquatic Chronic Toxicity, Category 2	(3.00) Sensitization, Skin, Category 1B
(2.00) Reproductive Toxicity, Category 2	(1.63) Skin Corrosion/Irritation, Category 3
(1.61) Acute Toxicity Oral, Category 5	(1.47) Aquatic Chronic Toxicity, Category 4
(1.27) Aquatic Acute Toxicity, Category 1	(1.16) Eye Damage/Eye Irritation, Category 2A

Remarks

The information is provided for health, safety and environmental purposes based on the available mixture data. It does not guarantee specific product properties. Users are responsible for determining appropriate conditions of safe use. This document is not intended for quality assurance purposes.