

FSS Plumeria Fragrance
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Date: 08 / 14 / 2025

Version: 1

Cancels and replaces version:

SECTION 1. IDENTIFICATION

Product Name/Identifier	FSS Plumeria Fragrance
Product Code	FSS35026
Recommended Use	Ingredients/Raw materials used in the manufacturing of Cosmetic Products'
Restrictions on Use	None
Supplier Site	Formulator Sample Shop, LLC
Address	135 Joshua Court Lincolnton, NC 28092, USA
Telephone No. (24hrs)	1-704-276-7540
Emergency Telephone #	1-704-276-7540 (Mon-Fri: 8:00AM – 5:00PM EST)

SECTION 2. HAZARD(S) IDENTIFICATION

Classification: This product has not been tested as a whole. The hazard classifications listed below are based on evaluation of individual components in accordance with the provision of the regulation(s) noted below. The information below pertains to the fragrance used at 20% in FSS Plumeria Fragrance, as provided by the fragrance supplier:

Classification according to Regulation (EC) No 1272/2008 and GHS:

Acute Toxicity Oral, Category 5	H303: May be harmful if swallowed
Acute Toxicity Dermal, Category 5	H313: May be harmful in contact with skin
Skin Corrosion/Irritation, Category 3	H316: Causes mild skin irritation
Sensitization, Skin, Category 1A	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
Reproductive Toxicity, Category 1B	H360: May damage fertility or the unborn child
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 according to OSHA (Provisions 1910.1200 of title 29):

Sensitization, Skin, Category 1A	H317: May cause an allergic skin reaction
Eye Damage/Eye Irritation, Category 2A	H319: Causes serious eye irritation
Reproductive Toxicity, Category 1B	H360: May damage fertility or the unborn child

Other Classification:

Carcinogenicity: This mixture does not contain ingredients identified as carcinogens, at 0.1% or greater, by ACGIH, IARC, NTP and OSHA.

Labeling Elements:

Signal Word: Danger

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Pictograph:

Hazard Statements:

H303: May be harmful if swallowed
 H313: May be harmful in contact with skin
 H316: Causes mild skin irritation
 H317: May cause an allergic skin reaction
 H319: Causes serious eye irritation
 H333: May be harmful if inhaled
 H360: May damage fertility or the unborn child
 H400: Very toxic to aquatic life
 H411: Toxic to aquatic life with long lasting effects

Precautionary statements:

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:

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 so
 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

Other hazards:

No data available

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

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

Substance	CAS Numbers	EC Numbers	Percentage	GHS Classification
Helianthus Annuus (Sunflower) Seed Oil	8001-21-6	232-273-9	80.00%	N/A
Fragrance*	N/A	N/A	20.00%	*See below

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Substance	CAS Numbers	EC Numbers	Percentage	GHS Classification
Benzyl Benzoate	120-51-4	204-402-9	20.00 – 30.00%	H302; H313; H400; H411
Hexyl Cinnamal	101-86-0	202-983-3	2.00 – 5.00%	H303; H316; H317; H400; H411
Benzyl Acetate	140-11-4	205-399-7	2.00 – 5.00%	H303; H401; H412
Acetyl Hexamethyl Tetralin	21145-77-7	244-240-6	2.00 – 5.00%	H302; H400; H410
Benzyl Salicylate	118-58-1	204-262-9	2.00 – 5.00%	H303; H317; H320; H401; H412
Amyl Salicylate	2050-08-0	218-080-2	2.00 – 5.00%	H302; H400; H410
Amyl Cinnamal	122-40-7	204-541-5	2.00 – 5.00%	H303; H316; H317; H401; H411
Tetrahydrolinalool	78-69-3	201-133-9	2.00 – 5.00%	H227; H315; H317; H319; H401
2-T-Butylcyclohexyl Acetate	88-41-5	201-828-7	2.00 – 5.00%	H227; H303; H316; H401; H411
Butylphenyl Methylpropional	80-54-6	201-289-8	2.00 – 5.00%	H227; H302; H315; H317; H360; H401; H412
Acetoxycyclopentadiene	54830-99-8	259-367-2	2.00 – 5.00%	H303; H316; H402
Ethyl Linalool	10339-55-6	233-732-6	1.00 – 2.00%	H227; H303; H316; H317; H319; H402
Hexahydro-Methanoindenyl Propionate	68912-13-0	272-805-7	1.00 – 2.00%	H401; H411
5-Hydroxyundecanoic Acid Lactone	710-04-3	211-915-1	1.00 – 2.00%	H316; H402
Hexamethylindanopyran	1222-05-5	214-946-9	1.00 – 2.00%	H316; H400; H410
Geraniol	106-24-1	203-377-1	0.10 – 1.00%	H303; H315; H317; H318; H402
Citronellol	106-22-9	203-375-0	0.10 – 1.00%	H303; H313; H315; H317; H319; H401
A-Methyl-1,3-Benzodioxole-5-Propionaldehyde	1205-17-0	214-881-6	0.10 – 1.00%	H303; H317; H361; H401; H411
Eugenol	97-53-0	202-589-1	0.10 – 1.00%	H303; H316; H317; H319; H401
Nerol	106-25-2	203-378-7	0.10 – 1.00%	H303; H315; H317; H319; H401
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde	31906-04-4	250-863-4	0.10 – 1.00%	H317; H402
Alpha-Damascone	24720-09-0	246-430-4	0.10 – 1.00%	H302; H313; H317; H401; H411

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

*Total Hydrocarbon Content (% w/w) = 0.06

SECTION 4. FIRST-AID MEASURES

General:

In all cases of doubt, or when symptoms persist, seek medical attention.

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Inhalation:	Move to fresh air from exposure area and keep at rest. Get medical advice immediately.
Skin contact:	Wash with soap and water. Get medical advice if symptoms persist or develop. Remove contaminated clothing.
Eye contact:	Immediately rinse with plenty of water for at least 15 minutes. Consult with a physician if symptoms persist or develop.
Ingestion:	Rinse mouth with water and seek medical attention immediately.

SECTION 5. FIRE-FIGHTING MEASURES**Extinguishing media:**

Suitable:	Dry chemicals, foam and carbon dioxide
Not suitable:	Do not use a direct water jet on burning material

Fire fighting:	Water may be ineffective Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low area
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Advice for fire-fighters:	Boots, gloves, goggles & self-contained breathing apparatus
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SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid inhalation and contact with skin and eyes. Ensure proper ventilation. Personal Protective Equipment: -Protective goggles -Self-contained breathing apparatus for major spills
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Environmental precautions:	Discharge into the environment must be avoided. Keep out of sewers, drainage areas and waterways.
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Methods for cleaning up:

Recovery:	Pick up free liquid for recycling or disposal 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.
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Disposal:	For disposal of residues refer to sections 8 & 13.
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SECTION 7. HANDLING AND STORAGE

Handling

Technical measures:

Measures:

Safe handling advice:

Labeling: Keep out of the reach of children.

For industrial use, only as directed.

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene. Wash hands after use. Avoid storage near feed or food stuff.

Storage

Technical measures:

Recommended Storage Conditions: Keep container tightly closed and labeled. Store in a cool, dry area with adequate ventilation away from heat sources and protected from light. Keep container tightly closed when not in use. Keep air contact to a minimum.

Incompatible products:

Refer to the detailed list of incompatible materials (Section 10 Stability/Reactivity)

Packaging:

Packaging materials:

Product may be packaged in normal commercial packaging.

Avoid uncoated metal container

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary statements:

Ensure adequate ventilation

Control parameters

Exposure Limits: The information below pertains to the fragrance used at 20% in FSS Plumeria Fragrance, as provided by the fragrance supplier. FSS does not test FSS Plumeria Fragrance for the presence of these compounds:

Component	CAS #	ACGIH TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
Benzyl Acetate	140-11-4	10			

Engineering Controls:

Use local exhaust as needed.

Personal Protective Equipment:

Respiratory protection:

Hand protection:

Eye protection:

Skin and Body Protection:

Avoid excessive inhalation of concentrated vapors. Local exhaust.

Protective gloves made of rubber or neoprene.

Tightly sealed goggles, face shield or safety glasses with brow guards and side shields, etc. as appropriate to the exposure

Avoid skin contact. Use chemically resistant gloves as needed.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Oily liquid
Color (Gardner):	8 Maximum
Odor:	Characteristic
Heavy Metals:	< 20 ppm
Arsenic:	< 2 ppm
Microbial Content:	< 100 opg No pathogens
Specific Gravity:	Not determined
Vapor density:	Not determined
Boiling Point:	Not determined
Freezing Point:	Not determined
Melting point:	Not determined
Flash point:	> 93°C
Oxidizing properties:	Non oxidizing material according to EC criteria.
Solubility:	
In water:	Insoluble
In organic solvents:	Not determined
Log P:	Not determined

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable under normal temperatures and recommended use. Presents no significant reactivity hazard.
Hazardous reactions:	None known
Conditions to avoid:	None known
Incompatible materials:	Contact with strong acids, alkalis or oxidizing agents.
Hazardous decomposition products:	None known

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula." The information below pertains to the fragrance used at 20% in FSS Plumeria Fragrance, as provided by the fragrance supplier:

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Acute toxicity – Oral (Rat) mg/kg:	LD ₅₀ : 2484.7613 – May be harmful if swallowed
Acute toxicity – Dermal (Rabbit) mg/kg:	LD ₅₀ : 4893.5101 – May be harmful in contact with skin
Acute toxicity – Inhalation (Rat) mg/kg/4hr:	LD ₅₀ : 72.3079 – 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:	May damage fertility or the unborn child
Specific target organ toxicity – single:	Not classified – the classification criteria are not met
Specific target organ toxicity – repeated:	Not classified – the classification criteria are not met
Aspiration Hazard:	Not classified – the classification criteria are not met

SECTION 12. ECOLOGICAL INFORMATION

The information below pertains to the fragrance used at 20% in FSS Plumeria Fragrance, as provided by the fragrance supplier:

Acute aquatic toxicity	Very toxic to aquatic life
Chronic aquatic toxicity	Toxic to aquatic life with long lasting effects
Toxicity data on soil	No data available
Toxicity on other organisms	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Residues from product

Prohibition:	Do not allow the product to be released into the Environment. Keep out of sewers, drainage areas, waterways or soil. Do not contaminate ponds, waterways or ditches with chemical or used container.
Destruction/Disposal:	Dispose of in accordance with relevant local regulations. Send to a licensed waste management company

Note: Take all necessary precautions when disposing of this product according to local/state/federal regulations.

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SECTION 14. TRANSPORT INFORMATION

The information below pertains to the fragrance used at 20% in FSS Plumeria Fragrance, as provided by the fragrance supplier. FSS does not test FSS Plumeria Fragrance for the presence of these compounds:

Marine Pollutant: Yes: Ingredient of greatest environmental impact:
 120-51-4 20.00 – 30.00% Benzyl Benzoate

<u>Regulator</u>	<u>Class</u>	<u>Pack Group</u>	<u>Sub Risk</u>	<u>Un-nr.</u>
U.S. DOT (Non-Bulk)	Not determined			
ADR/RID (International Road/Rail)	Not determined			
IATA (Air Cargo)	Not determined			
IMDG (Sea)	Not determined			

SECTION 15. REGULATORY INFORMATION

The information below pertains to the fragrance used at 20% in FSS Plumeria Fragrance, as provided by the fragrance supplier:

U.S. Federal Regulations

TSCA (Toxic Substance Control Act)
40 CFR (EPCRA, SARA, CERCLA and CAA)
 1222-05-5 214-946-9 All components of the substance/mixture are listed or exempt
 This product contains the following components:
 1.00 – 2.00% Hexamethylindanopyran

U.S. State Regulations

California Proposition 65 Warning
 94-59-7 202-345-4 This product contains the following components:
 93-15-2 202-2230 <= 12 ppm Safrole (Natural Source)
 <= 5 ppm Beta-Eugenol (Natural Source)

Canadian Regulations

DSL 100.00% of the components are listed or exempt.

SECTION 16. OTHER INFORMATION

GHS H-Statements referred to under Section 3:

H227: Combustible liquid
 H302: Harmful if swallowed
 H315: Causes skin irritation
 H318: Causes serious eye damage

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H320: Causes eye irritation

H361: Suspected of damaging fertility or the unborn child

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

Prohibited uses: For specific uses, food industry, ask the manufacturer for more information.

Last Revision Date: N/A

Preparation Date: 08/15/2025

MSDS summary of changes No deletion, addition or revision to date

The information given is based on our knowledge of this product, at the time of publication in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than which it was intended. This is not in any way excuse the user from knowing and applying all the regulations governing their activity. It is sole responsibility of the user to take all precautions required in handling the product. The purpose of mandatory regulation mentioned is to help the user to fulfill his obligations regarding the use of products. This information is not exhaustive, this is not exonerate the user from ensuring that legal obligations other than those mentioned, relating to the use and storage.