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Date: 02 / 13 / 2025

Version: 3

Cancels and replaces version: 2

SECTION 1. IDENTIFICATION**Product Name/Identifier** FSS SilkSens
Product Code FSSB10020**Recommended Use** Raw material for cosmetics**Supplier Site** Formulator Sample Shop
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:****GHS / CLP****Basis for Classification:** Based on present data no classification and labeling is required according to GHS, taking into account the national implementation (United Nations version 2011)**USA****OSHA Regulatory Status:** This material is non-hazardous as defined by the American OSHA Hazard Communication Standard (29 CFR 1910.1200).**Europe****Basis for Classification:** -According to present data no classification and labeling is required according to Reg. (EC) No 1272/2008.
-This product is not classified as hazardous to health or environment according to the CLP regulation.**Labeling Elements:****Pictograph:** No hazard symbol expected**Hazard statements/Signal Word:** Not applicable**Precautionary statements:** P233: Keep container tightly closed
P281: Use personal protective equipment as required
P402: Store in a dry place
P404: Store in a closed container
P410: Protect from sunlight
P411: Store at temperatures not exceeding 32°C

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Other hazards which do not result in classification:

No particular fire or explosion hazard.

By mechanical effect: No particular hazards.

By hygroscopic effect: No particular hazards.

US NFPA 704 (National Fire Protection Association) Hazard Rating System:

Health hazard: Rating 0; Normal Material

Flammability: Rating 0, Will Not Burn

Reactivity: Rating 0, Stable

Other Hazard Information: None

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS**Common Chemical Name:** Isoamyl Laurate**Generic name:** Isopentylaurat**Description:** Substance

<u>Substance</u>	<u>CAS Numbers</u>	<u>EC Numbers</u>	<u>Percentage</u>	<u>REACH No.</u>
Isoamyl Laurate	6309-51-9	228-626-1	100.00%	05-2116945742-39-0000

Formula: Not applicable**SECTION 4. FIRST-AID MEASURES****General:** In all cases of doubt, or when symptoms persist, seek medical attention.**Inhalation:** Move to fresh air from exposure area. Put victim at rest and keep warm. In case of irregular breathing or respiratory arrest provide artificial respiration. Get medical attention for any breathing difficulty.**Skin contact:** Immediately take off all contaminated clothing. Wash immediately with plenty of soap and water. Do not use solvents or thinners.**Eye contact:** Immediately rinse with plenty of water for at least 15 minutes, while keeping the eyes wide open. Remove contact lenses, if present and easy to do. Continue rinsing. Consult with a physician for any eye irritation.**Ingestion:** Never give anything by mouth to an unconscious person. In case of irregular breathing or respiratory arrest provide artificial respiration. If symptoms persist, call a physician.

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SECTION 5. FIRE-FIGHTING MEASURES**Fire and explosion hazards:** Not considered to be a fire and explosion hazard**Extinguishing media:**

Suitable: Dry powders, foam and carbon dioxide

Not suitable: Water

Fire fighting: 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.
Do not allow water used to distinguish to enter drains, ground or waterways.
Treat runoff as hazardous.**Protection for fire-fighters:** Boots, gloves, goggles and self-contained breathing apparatus**Special exposure hazards arising from the substance:** Gases: Carbon monoxide, carbon dioxide

SECTION 6. ACCIDENTAL RELEASE MEASURES**Personal precautions:** Avoid contact with eyes.
Personal Protective Equipment:
-Protective goggles

Material can create slippery conditions.

Environmental precautions: Prevent entry into sewers and waterways. Do not allow material to contaminate ground water system. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.**Methods for cleaning up:****Recovery:** Pick up free liquid for recycling or disposal. Residual liquid can be absorbed on an inert material (e.g. sand, earth, vermiculite, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with local regulations.**Cleaning/Decontamination:** Clean using cleansing agents. Do not use solvents.**Disposal:** For disposal of residues refer to sections 8 & 13.

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SECTION 7. HANDLING AND STORAGE

Handling

Technical measures:	Labeling: Keep out of the reach of children.
Measures:	For industrial use, only as directed.
Safe handling advice:	Wash hands after use. Avoid storage near feed or food stuff.

Storage

Technical measures:	Keep container tightly closed.
Recommended Storage Conditions:	Store in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO).

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary statements:	Ensure adequate ventilation
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Control parameters

Occupational exposure Limits:

France:	Not Determined
ACGIH:	Not Determined
Korea:	Not Determined
UK:	Not Determined

Surveillance procedures:	Not Determined
Engineering measures:	Not Determined

Personal Protective Equipment:

Respiratory protection:	In case of insufficient ventilation, wear suitable respiratory equipment. Avoid breathing dust/fume/gas/mist/vapors/spray.
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Hand protection:	Protective gloves
Eye protection:	Eye/face protection
Skin and Body Protection:	Suitable protective clothing
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.
Protective measures:	After contact clean skin thoroughly with water and soap.

Measures related to the Environment:	No particular measures.
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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Color:	Colorless to light yellow
Odor:	Characteristic

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Acid Value: 1.0 Maximum
Saponification Value: 200.0 – 220.0
Refractive Index (20°C): 1.4340 – 1.4390

Microbial Content: < 100 CFU/g; No pathogens
Yeast & Mold: < 100 CFU/g
Gram Negative Bacteria: 0 CFU/g

Boiling Point: >150°C
Melting point: ~ -20°C

Flash point: > 160°C

Ignition Temperature: 250°C

Solubility:
In water: Practically Insoluble
In organic solvents: Not determined
Log P: Not determined

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage

Hazardous reactions: None known

Conditions to avoid: No dangerous reactions known under use of normal conditions.

Materials to avoid: Keep away from strongly acidic and alkaline materials as well as oxidizers.

Hazardous decomposition products: None known

SECTION 11. TOXICOLOGICAL INFORMATION

Ingestion: Not Determined
Irritant and Corrosive Effects: Non-Irritant (RIPT)
Ocular: Mild Irritant (HET-CAM)
Inhalation: Not Determined

Acute toxicity: < 2,000 mg/kg (LD₅₀, Rat, Oral)

Sensitization: Non-Sensitizers (RIPT)

Specific Target Organic Toxicity (Single Exposure): Not Determined

CMR Effects: No experimental indications of mutagenicity in-vitro exist (AMES)

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Overall Assessment on CMR Properties:

This substance does not meet the criteria for classification as CMR Category 1 or 2.

Aspiration Hazard:

Not Determined

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

Effects on the aquatic environment: Not Determined

Biodegradability:

Persistence: 100% (28d, OECD 301B / ISO 9439 / EEC 92/69 annex V, C.4-C)

Biodegradation: Readily Biodegradable

Bioaccumulation:

Octanol / water partition coefficient: Not Determined

Mobility:

Precipitation:

Expected behavior of the product: Not determined

Other Adverse Effects:

None known

SECTION 13. DISPOSAL CONSIDERATIONS**Residues from product**

Prohibition:

Do not allow the product to be released into water, drains or into the Environment.

Destruction/Disposal:

This material and its container must be disposed of in accordance with relevant local regulations. Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding version, covering waste and dangerous waste.

Contaminated packaging

Decontamination/cleaning:

Destruction/Disposal: Cleaned containers may be recycled. Vessels not properly emptied are special waste

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

SECTION 14. TRANSPORT INFORMATION**UN Number:**

None

UN Shipping Name:

None

Transport Hazard Class:

Not classified as dangerous for transport

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Land (rail/road): Material is not restrictive for land transport and is not regulated by ADR/RID
 Sea: Material is not restrictive for sea transport and is not regulated by IMO/IMDG
 Air: Material is not restrictive for air transport and is not regulated by ICAO/IATA

Marine Pollutant: No

Transport/Additional Information: Not regulated for US DOT Transport in non-bulk containers
 This material is not dangerous or hazardous

Special Precautions for User: None known

The above regulatory prescriptions are those valid on the date of publication of this sheet. However, given the possible evolution of transport regulations for hazardous materials and in the event of the MSDS in your possession dating back more than 12 months, it is advisable to check their validity with your sales office.

SECTION 15. REGULATORY INFORMATION

Labeling:

EC regulations: This product does not need to be labeled in accordance with EC Directives or respective national laws

Information on working limitations: Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
 Observe restrictions to employment for juveniles according to the "Juvenile Work Protection Guideline" (94/33/EC).

Further regulations

United Kingdom: Handle in accordance with relevant British regulation: control of substance Hazardous to Health Regulations Environmental Hygiene Guidance: EH40
 Workplace Exposure Limits (revised annually)

Korea regulations: Industrial safety and hygiene regulation: No
 Hazardous material control regulation: No
 Fire prevention regulation: No

Other regulations:

EINECS inventory status:	Isoamyl Laurate:	228-626-1
TSCA inventory status:	Exempt	
AICS inventory status:	6309-51-9	
Canadian (CEPA DSL) inventory status:	Listed as Dodecanoic acid, 3-methylbutyl ester (DSL)	
Japan (MITI list):	Isoamyl Laurate	
Korea:	Isoamyl Laurate	
China inventory status:	Isoamyl Laurate	
Philippines inventory status:	Listed as Dodecanoic acid, 3-methylbutyl ester	

This information is presented in good faith but is not warranted as to accuracy of results. Also, freedom from patent infringement is not implied.
 This information is offered solely for your investigation, verification, and consideration.

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*Listed on 2010 INCI Standard Chinese Name Directory

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the products described in this sheet. The user's attention is drawn to the possible existence of additional provision which complete these regulations. Please refer to all applicable international, national and local regulations and provisions

SECTION 16. OTHER INFORMATION

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

Last Revision Date: 02/13/2025

Preparation Date: 04/06/2021

MSDS summary of changes Updated tradename

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.