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Date: 11/06/2025

Version: 2

Cancels and replaces: 1

SECTION 1. IDENTIFICATION

Product Name/Identifier	PCA Glyceryl Oleate
Product Code	FSSB10076
Recommended Use	Ingredients/Raw materials used in the manufacturing of Cosmetic Products'
Restrictions on Use	None
Supplier Site	Formulator Sample Shop, LLC
Address	125 Technology Drive 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 US Classification: H317: May cause allergic skin reaction.
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 including precautionary statements:

GHS US Labeling



Hazard pictograms (GHS US)

Pictograph:

Hazard statements/Signal Word: Warning
H317 – May cause an allergic skin reaction

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Precautionary statements:

P261 – Avoid breathing mist, vapors, spray
P272 – Contaminated work clothing must stay inside workplace
P280 – Wear eye protection, face shield, protective gloves/clothing
P302+P352 – If on skin, wash with soap and water
P321 – Specific treatment (See first aid instructions)
P333+P313 – If skin irritation or rash occurs: Seek medical attention
P363 – Wash contaminated clothing before reuse
P501 – Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and international regulations.

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

Results of PBT and vPvB assessment:

-PBT: Not applicable

-vPvB: Not applicable

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS**Common Chemical Name:** PCA Glyceryl Oleate**Generic name:****Chemical Family:**

<u>Substance</u>	<u>CAS Numbers</u>	<u>EC Numbers</u>	<u>Percentage</u>
PCA Glyceryl Oleate	84608-82-2	283-393-3	100.00

Formula:**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. Get medical attention for any

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breathing difficulty. Keep comfortable for breathing.

Skin contact:Rinse with soap and water. Get medical advice if irritation develops.
Take off any contaminated clothing.**Eye contact:**

Immediately rinse with plenty of water for at least 15 minutes, while keeping the eyes wide open. Consult with a physician.

Ingestion:

Consult with a physician. Rinse mouth out with water.

Protection of first-aiders:

No special protection required.

SECTION 5. FIRE-FIGHTING MEASURES**Fire and explosion hazards:**

Not considered to be a fire and explosion hazard

Extinguishing media:**Suitable:**Water spray, dry powder, foam and carbon dioxide
Use extinguishing media appropriate for surrounding fire.**Not suitable:**

Strong water jet.

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. Toxic fumes may be released.
Do not attempt to take action without suitable protective equipment.
Self-contained breathing apparatus and complete protective clothing.
Do not allow runoff from firefighting to enter drains or water courses.
Disposal must be done according to official regulations.**Protection for fire-fighters:**

Boots, gloves, goggles, self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES**Personal precautions:**Avoid contact with the eyes. Ventilate spillage area. Avoid contact with skin.
Avoid breathing mist, vapor or spray.**Personal Protective Equipment:**

-Protective goggles, clothing and a self-contained breathing apparatus.

Environmental precautions:

Prevent entry into sewers and waterways. Do not allow material to contaminate ground water system.

Methods for cleaning up:Do not attempt to take action without suitable protective equipment.
Refer to section 8 for further information.

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Recovery: Take up liquid spill into absorbent material. Take up mechanically (sweeping, shoveling) and collect in a suitable container for disposal. Disposal must be done according to official regulations.

Cleaning/Decontamination: Wash non-recoverable remainder with water.

Disposal: For disposal of residues refer to sections 8 & 13.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: Ensure good ventilation of the workstation. Wear personal protective equipment. Avoid contact with skin and eyes. Avoid breathing mist vapor or spray. Wear breathing apparatus if exposed to vapors/dust or aerosols.

Hygiene Measures: Do not eat, drink, smoke when using this product. Always wash hands After handling the product. Contaminated work clothing should be kept Inside workplace. Wash contaminated clothing before reuse.

Storage

Technical measures: Keep container closed and stored in a well-ventilated place. Keep cool. Keep away from food, drink, and animal feeding stuff.

Recommended Storage Conditions: Store in a dry place at temperatures not exceeding 32°C. Based on stability studies, the optimum storage temperature for maximization of shelf life is 23 - 25°C. However, it may be stored at temperatures between 16 and 32°C if such specific temperature control is not available. Do not freeze. Please refer to stability data for effects heat or cold may have on the specifications of the product.

Incompatible products: Avoid contact with strong oxidizers. Refer to the detailed list of incompatible materials (Section 10 Stability/Reactivity)

Packaging: Product may be packaged in normal commercial packaging.
Packaging materials: Recommended - Polypropylene & High-Density Polyethylene

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary statements: Ensure adequate ventilation

Control parameters

Occupational exposure Limits:

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

Surveillance procedures: Not Determined

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Engineering measures: Not Determined

Personal Protective Equipment:

Respiratory protection: Local exhaust; In case of insufficient ventilation, wear suitable respirator equipment. EN 143. Breathing apparatus with filter, A-p2. Breathing equipment is only to be used in order to handle the residual Risk of short-term jobs if all other risk minimizing has been attempted.

Hand protection: Chemically resistant gloves made from nitrile rubber, ISO 374-1.

Eye protection: Use splash goggles for eye contact due to splashing possibility, ISO 16321-1

Collective emergency equipment: Eye fountain.

Skin and Body Protection: Suitable protective clothing; EN ISO 13688. EN 13034

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid contact with skin And eyes. Always wash hands after handling the product.

Measures related to the Environment: Avoid release to the environment.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Viscous Liquid

Color: Golden Yellow to Brown

Odor: Characteristic

Acid Value: 20 Maximum

Saponification Value: 240-270

Iodine Value: 48-58

Vapor density: Not applicable

Boiling Point: Not determined

Freezing Point: <-20°C

Melting point: Not applicable

Flash point: > 190°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 ordinary conditions of use and storage up to one year then re-test to full product specifications to extend shelf life. This product is non-reactant under normal conditions of use, storage and transport.

Hazardous reactions: None known under normal conditions of use.

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

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Avoid extreme heat.

Materials to avoid:

No dangerous reaction known with common products.

Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION**Ingestion:**

Not Determined

Dermal:

May cause allergic skin reaction

Ocular:

Not Determined

Inhalation:

Not Determined

Acute toxicity data:

Not Determined

Sensitization:

Non-Primary Sensitizers

Repeated dose toxicity:

No known effects

Subacute to chronic toxicity:

Not Determined

Additional Toxicological Information: This product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

Specific effects:**Carcinogenicity:**

No known effects

Mutagenicity:

No known effects

Reproductive toxicity:

No known effects

Neuro-toxicity:

No known effects

For more information:

Does not present any particular risk on handling under normal conditions of good occupational hygiene practice.

This product has not been tested for the following:

- Primary cutaneous and corrosive irritation
- Acute oral toxicity
- Mutagenicity/genotoxicity

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

Effects on the aquatic environment:

EC50-Crustacea (1) >100mg/l (21d: Daphnia magna; (OECD 211)
ErC50 algae >100mg/l (72h: Desmodesmus subspicatus; (OECD 201)
NOEC chronic crustacea >100mg/l (21d: Daphnia magna; (OECD 211)
NOEC chronic algae >100mg/l (72h: Desmodesmus subspicatus; (OECD 201)

Biodegradability:

Persistence:

76-80% biodegrading (28d; OECD 301F Method)

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Bioaccumulation:

Octanol / water partition coefficient: 6.28-6.56 (Calculation method)

Mobility:

Precipitation:

Expected behavior of the product: No additional information available.

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

Prohibition:

Do not allow the product to be released into the Environment.

Destruction/Disposal:

Dispose of in accordance with relevant local regulations

Contaminated packaging

Decontamination/cleaning:

Cleaning is not required prior to disposal.

Destruction/Disposal:

Disposal must be done according to official regulations. Do not dispose
Of with domestic waste. Do not discharge into drains or the environment.

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

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.

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SECTION 15. REGULATORY INFORMATION**Labeling:**

EC regulations:

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

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:**

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:

11/06/2025

Preparation Date:

June 19, 2024

MSDS summary of changes

Revision to solubility in Section 9

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.