

MATERIAL SAFETY DATA SHEET - MSDS

*Efficacious Ingredients * Hygienically Stored & Processed * Convenient Deliveries*

Product Name: Caprylyl Capryl Glucoside

INCI: Caprylyl/Capryl Glucoside

CAS Numbers: 68515-73-1
EC Numbers: 500-220-1

Recommended Use. Raw Material For Topical Cosmetic Products

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SECTION 1: GENERAL INFORMATION AND CHEMICAL PRODUCT IDENTIFICATION

Chemical Name CAS # 68515-73-1

SECTION 2: HARZARD INDENTIFICATION

Classification:

Serious Eye Damage/Eye Irritation: Category 1

Labeling Elements:

Pictograph:



Hazard statements/Signal Word: H318: DANGER: Causes serious eye damage

Precautionary statements: P233: Keep container tightly closed
P280: Wear protective gloves/protective clothing/eye protection/face

protection.

P305: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

P402: Store in a dry place

P404: Store in a closed container

P410: Protect from sunlight

P411: Store at temperatures not exceeding 32°C

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

Health hazard: Rating 2; Temporary or minor injury may occur

Flammability: Rating 1; Material must be preheated before ignition will occur

Reactivity: Rating 0; Stable

Other Hazard Information: None

SECTION 3: INFORMATION ON INGREDIENTS

Common Chemical Name: Caprylyl/Capryl Glucoside

Generic name:

Chemical Family: Mixture

Description: Mixture: consisting of the following components. This section describes all components of the mixture

<u>Substance</u>	<u>CAS Numbers</u>	<u>EC Numbers</u>	<u>Percentage</u>
Caprylyl/Capryl Glucoside	68515-73-1	500-220-1	100.00%

SECTION 4: FIRST AID MEASURES

Ingestion:

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.

Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

SECTION 5: EXPLOSION AND FIRE-FIGHTING MEASURES

Fire and explosion hazards: Not considered to be a fire and explosion hazard

Extinguishing media:

Suitable: Water, dry chemicals and carbon dioxide

Not suitable: None known

Fire fighting: Move container from fire area if it can be done without risk. No action shall be taken involving any personal risk or without suitable training. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low area

Protection for fire-fighters: Boots, gloves, goggles and self-contained breathing apparatus

SECTION 6: ACCIDENTAL RELEASE/SPILL PROCEDURES

Personal precautions: Avoid contact with eyes.

Personal Protective Equipment:
-Protective goggles. Provide adequate ventilation

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

Methods for cleaning up:

Recovery: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid or universal binding agents). Collect in closed containers for disposal.

Additional Information: Special danger of slipping by leaking/spilling product.

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

SECTION 7: HANDLING AND STORAGE

Handling

Technical measures: Labeling: Keep out of the reach of children. Wear suitable protective clothing.

Measures: For industrial use, only as directed.

Safe handling advice: Wash hands after use. Avoid storage near feed or food stuff. Provide adequate ventilation

Storage

Technical measures: Keep container closed.

Recommended Storage Conditions: Store in a cool dry place well ventilated place in tightly sealed containers.
Storage class: 10 – Combustible liquid, unless storage class 3.

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: PERSONAL PROTECTION

Precautionary statements: Ensure adequate ventilation

Control parameters

Surveillance procedures: Avoid contact with skin and eyes. Change contaminated clothing. When using do not eat, drink or smoke. Wash hands before breaks and after work. Have eye wash bottle of eye rinse ready at work place.

Engineering measures: When vapors form: Withdraw by suction.

Personal Protective Equipment:

Respiratory protection: Respiratory protection in case of aerosol or vapor formation use filter type A
(= against vapors or organic substances) according to EN 14387.

Hand protection: Protective gloves made of nitrile rubber.

Eye protection: Tightly sealed safety glasses.

Personal Protective Equipment :

Collective emergency equipment: Eye fountain.

Skin and Body Protection: Protective gloves according to EN 374. Breakthrough time: > 480 min. Observe glove manufacturer's instructions concerning penetrability and breakthrough time. Wear suitable protective clothing.

Measures related to the Environment: No particular measures.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (@ 25°C):	Colorless liquid
Color, Hazen:	< 50
pH (10% Aqueous):	11.5 – 12.5
Solid Content:	50.0 – 52.0%
Free Fatty Alcohol:	< 1.0%
Viscosity (mPas @ 20°C):	200 – 600
Sulfated Ash:	≤ 3.0%
Specific Gravity:	Not determined
Vapor density:	Not determined
Boiling Point:	100°C
Freezing Point:	Not determined
Melting point:	Not determined
Flash point:	> 100°C
Oxidizing properties:	Non oxidizing material according to EC criteria.
Solubility:	
In water:	Soluble
In organic solvents:	Not determined
Log P:	Not determined

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable under ordinary conditions of use.
Hazardous reactions:	None known
Conditions to avoid:	No dangerous reactions known under use of normal conditions. Avoid extreme heat.
Materials to avoid:	Keep away from heat, flames, sparks or other ignition sources.
Hazardous decomposition products:	Carbon Dioxide, Carbon Monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

Ingestion:	Not Determined
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Dermal: Not Determined
Ocular: Can cause serious eye damage
Inhalation: Not Determined

Acute toxicity data: Not Determined

Sensitization: Not Determined

Repeated dose toxicity: Not Determined

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: Not Determined
Mutagenicity: Not Determined
Reproductive toxicity: Not Determined
Neuro-toxicity: Not Determined

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: Not Determined

Biodegradability:

Persistence: Not Determined

Bioaccumulation:

Octanol / water partition coefficient: Not Determined

Mobility:

Precipitation:

Expected behavior of the product: Ultimate destination of the product: Soil & sediment.

Other Adverse Effects: None known

SECTION 13: DISPOSAL CONSIDERATIONS

Residues from product

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

Destruction/Disposal:
regulations

Dispose of in accordance with relevant local

Contaminated packaging

Decontamination/cleaning:

Cleaning is not required

prior to disposal. Destruction/Disposal:

This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

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.

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

Korea regulations:

Industrial safety and hygiene regulation: No

Hazardous material control regulation: No

Fire prevention regulation: No

Other regulations:

EINECS inventory status:	Caprylyl/Capryl Glucoside:	500-220-1
TSCA inventory status:	Exempt	
AICS inventory status:	68515-73-1	
Canadian (CEPA DSL) inventory status:	Listed as D-Glucopyranose, oligomeric, decyl octyl	
glycosides (DSL)Japan (MITI list):	Caprylyl/Capryl Glucoside	
Korea:	Caprylyl/Capryl Glucoside	
China inventory status:	Caprylyl/Capryl Glucoside	
Philippines inventory status:	Listed as D-Glucopyranose, oligomeric, decyl octyl glycosides	

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

DISCLAIMER

Technical information and suggestions for use including any formulations and / or procedures are believed to be correct. However, this does not constitute a guarantee of the accuracy of the information contained herein. Confirming tests in your own laboratory or facility are recommended. This information is for general research purposes only and is not a representation or warranty of any kind. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use. The information contained in this certificate of analysis and material safety data sheet are obtained from current and reliable sources. As the use(s) of this product is outside the control of skin foodie, no representation or warranty, expressed or implied is made as to the effect(s) of such use(s) (including damage or injury), or the results obtained.

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