

SkinLift DPHP


Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 23-Oct-2024
Supersedes: 08-Aug-2023

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	SkinLift DPHP	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Dipalmitoyl Hydroxyproline, Palmitic acid	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	41672-81-5, 57-10-3	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Liquid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

OSHA/HCS Status:	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).												
Classification:	COMBUSTIBLE DUSTS EYE IRRITATION - Category 2A AQUATIC HAZARD (LONG-TERM) - Category 3												
Signal Word:	WARNING												
Hazard Pictograms:													
Supplemental Label Elements:	Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Prevent dust accumulation.												
Hazard Statements:	Causes serious eye irritation. Harmful to aquatic life with long lasting effects. May form combustible dust concentrations in air.												
Precautionary Statements:	Prevention: Wear eye or face protection. Avoid release to the environment. Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.												
Potential Health Hazards:	Eyes: Causes serious eye irritation. Inhalation: May be an irritant. Skin: No known significant effects or critical hazards. Ingestion: Irritating to mouth, throat and stomach.												
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>2</td> <td>Moderate</td> </tr> <tr> <td>Flammability</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td></td> </tr> </table>	Health	2	Moderate	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	
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3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Dipalmitoyl Hydroxyproline	41672-81-5	75 - 90%	Not Available
Palmitic acid	57-10-3	10 - 25%	Not Available
Water	7732-18-5	0 - 0.5%	Not Available

4 FIRST AID MEASURES

Eyes:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. 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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin:	Wash contaminated skin with soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion:	Wash out mouth with water. Remove dentures if any. 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. Get medical attention if adverse health effects persist or are severe. 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.
Over-Exposure Signs/Symptoms:	Eye contact symptoms include pain, irritation, watering, redness. Inhalation symptoms include respiratory tract irritation, coughing. No specific data on adverse symptoms for skin contact or ingestion.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (dry chemical powder) for surrounding environment and adjacent fire. Do not use a high-pressure media, which could cause the formation of a potentially explosible dust-air mixture.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode and full protective clothing, including eye protection and boots. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Flash Points:	470.3 °F (243.5 °C) (Closed cup)
Specific hazards arising from the chemical:	May form explosible dust-air mixture if dispersed. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. Decomposition products may include carbon dioxide, carbon monoxide, nitrogen oxides. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Water polluting material. May be harmful to the environment if released in large quantities. Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	For small spills, move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. For large spills, move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust

with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor, in accordance with local regulations.

7 HANDLING & STORAGE

Precautions for safe handling:

Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Avoid release to the environment. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.

Conditions for safe storage, incl. any incompatibilities:

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component

SkinLift DPHP

Exposure Limits

None

Basis

Entity

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

- Eyes:** Wear safety glasses with side shields. If operating conditions cause high dust concentrations to be produced, use dust goggles.
- Inhalation:** Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
- Body:** Wear chemical-resistant, nitrile rubber or PVC impervious gloves complying with an approved standard at all times when handling chemical products if a risk assessment indicates this is necessary. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other:** Use good personal hygiene practices. Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Appropriate techniques should be used to remove potentially contaminated clothing. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Odor:

Solid (Powder)
 Characteristic

Vapor Pressure:

Vapor Density:

No data available
 No data available

Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	White to yellowish	Flammability:	Non-flammable
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	3,4 [Conc. (% w/w): 1%]	Flash Point (Closed cup):	470.3 °F (243.5 °C)
Boiling Point:	>572 °F (>300 °C)	Specific Gravity:	No data available
Melting/Freezing Point:	156.2 °F (69 °C)	Water Solubility:	Slightly soluble in cold water (<0,001 g/l)
Relative Density:	0,39 (Not tapped)	Auto-Ignition Temperature:	Not applicable
Partition Coefficient: n-octanol/water:	13.2	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Granulometry:	90µm < 100µm 78%

10 STABILITY AND REACTIVITY

Reactivity:	No specific test data related to reactivity available for this product or its ingredients.
Chemical Stability:	The product is stable.
Conditions of Instability:	Keep away from oxidizing agents.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.
Incompatible Materials:	Reactive or incompatible with oxidizing materials.
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possible Hazardous Reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified as dangerous.
Skin:	Non-irritating to the skin. SkinLift DPHP: Oral, 2500 mg/kg.
Eyes:	Irritating to eyes.
Inhalation:	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
Ingestion:	SkinLift DPHP: Oral, 2500 mg/kg.
Carcinogenicity:	No known significant effects or critical hazards.
Teratogenicity:	No known significant effects or critical hazards.
Germ Cell Mutagenicity:	Not mutagenic in a standard battery of genetic toxicological tests. (Bacteria) SkinLift DPHP; Experiment: In Vitro; Result: Negative; Test: OCDE 471. (Mammalian-Animal) SkinLift DPHP; In Vitro; Result: Negative; Test: OCDE 476. (Mammalian Human) SkinLift DPHP; In Vitro; Result: Negative; Test: OCDE 473.
Reproductive Toxicity:	SkinLift DPHP; Test: OCDE 422; Dose: (Oral) 1000 mg/kg bw/day; Maternal Toxicity: Negative; Fertility: Negative; Development Toxin: Negative.
Developmental Effects:	No known significant effects or critical hazards.
Sensitization:	Non-sensitizer to skin.
Chronic Health Effects:	SkinLift DPHP; Result type: Chronic NOAEL Oral; Result: 1000 mg/kg bw/day; Method: OCDE 422.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Aquatic Vertebrate:	(Denio Rerio) SkinLift DPHP; Acute LC50 24 mg/l; Exposure: 96 hours; Test: OCDE 203.
Aquatic Invertebrate:	(Daphnia magna) SkinLift DPHP; Acute EC50 >100 mg/l, Fresh water; Exposure: 48 hours; Test: OCDE 202.
Terrestrial:	(Micro-Organism) SkinLift DPHP; Acute EC50 >1000 mg/l; Exposure: 3 hours; Test: OCDE 209.
Aquatic Algae:	(Pseudokirchneriella subcapitata) SkinLift DPHP; Acute EC50 >100 mg/l, Fresh water; Exposure: 72 hours; Test: OCDE 201.

Persistence and Degradability:	Readily biodegradable. SkinLift DPHP: 74%; Readily; 28 days; Dose: 100 mg/l; Inoculum: Activated sludge; Test: OCDE 301F.
Bioaccumulative Potential:	SkinLift DPHP; LogPow: 13.2; BCF: 3.2; Potential: Low.
Mobility in Soil:	28,84
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No known significant effects or critical hazards.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
Product Containers:	Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. 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. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated.
TDG (Transportation of Dangerous Goods, Canada):	Not regulated.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	No data available.
Transport Precautions:	Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available.
Clean Air Act Section 112(b):	Not listed under Hazardous Air Pollutants (HAPs).
Clean Air Act Section 602:	Not listed under class I and II substances.
DEA List I and II Chemicals:	Not listed under precursor chemicals or essential chemicals.
SARA 302/304:	No products were found.
SARA 304 RQ:	Not applicable.
SARA 311/312:	COMBUSTIBLE DUSTS and EYE IRRITATION - Category 2A. Name: trans-1-(1-oxohexadecyl)-4-[(1-oxohexadecyl)oxy]-L-proline (80-100%)
States Right to Know:	None of the components are listed under NY, NJ, or PA.
California Prop 65:	This product does not require a Safe Harbor warning under California Prop. 65

16 OTHER INFORMATION

Revision Date:	23-Oct-2024
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the

company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.