

## SKIN LI FT DPHP (dipalmitoyl-hydroxyproline) Material Safety Data Sheet (MSDS)

### 1. PRODUCT IDENTIFICATION

Product Name: SkinLift DPHP  
INCI Name: palmitoyl-1 palmitoyloxy-4 proline  
Chemical Name: palmitoyl-1 palmitoyloxy-4 proline  
CAS Number: 41672-81-5  
EINECS Number: 255-490-0

### 2. PHYSICAL & CHEMICAL PROPERTIES

Melting / Boiling Point: not determined  
Boiling Point: not determined  
Density: not determined  
% Volatile by Volume: 15 (ethyl alcohol)  
Specific Gravity: not determined  
Solubility in water: insoluble, soluble in chloroform, slightly  
soluble in vegetable oils &  
ethanol

### 3. STABILITY & REACTIVITY

Chemical Stability: stable under normal conditions  
Incompatibility: not available  
Hazardous Decomposition: carbon monoxide, carbon dioxide  
and oxides of nitrogen  
Hazardous Polymerisation: not available

### 4. HANDLING & STORAGE

Avoid contact with eyes. Avoid formation of dust. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Protect from freezing, excessive heat, and direct sunlight. Keep the container tightly closed and in a cool, well-ventilated place. Use polyolefine lining in receptacles.

### 5. ACCIDENTAL RELEASE MEASURES

Isolate spill area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, basements or confined areas. Surface may become slippery after spillage. Clean affected area with warm water. Use sodium carbonate as neutralizing agent.

### 6. EXPOSURE CONTROLS & PERSONAL PROTECTION

Respiratory Protection: Short term filter device: filter P1.  
Protective Clothing: Gloves recommended. Safety glasses, goggles, or face shield recommended for eye protection.  
Other Protective Measures: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

### 7. HAZARDS IDENTIFICATION

General: Xi irritant. May be irritating to eyes (R36)  
Inhalation: Inhalation of vapor and mist may be irritating to the respiratory system and can cause dizziness.  
Eye Contact: Eye irritant.  
Skin Contact: may cause skin irritation upon prolonged or repeated exposure.  
Ingestion: Do not ingest; may cause gastrointestinal irritation.

### 8. FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 20 minutes. Seek medical attention if symptoms persist.  
Skin: Wash exposed areas of the body with plenty of water.  
Inhalation: Remove from area of exposure. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.  
Ingestion: If gastrointestinal symptoms develop, consult physician

### 9. FIRE FIGHTING MEASURES

Flammability: not flammable  
Flash Point: not applicable  
Explosion Hazard: dust & air can form an explosive mixture  
Extinguishing Media: water spray, foam, CO<sub>2</sub>, dry powder  
Fire Fighting Procedures: Firefighters should wear full fire-fighting turn-out gear including self-contained breathing apparatus.

### 10. TOXICOLOGICAL INFORMATION

Acute LD/ LC50: not available  
Ingestion: not classified as dangerous  
Skin Irritation: no irritant effect  
Eye Irritation: irritant  
Skin Sensitization: none  
Mutagenicity: non mutagenic

### 11. ECOLOGICAL INFORMATION & DISPOSAL

Storage and disposal must be in accordance with applicable local, state & federal disposal regulations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

### 12. TRANSPORT INFORMATION

DOT, TDG, I MO/ IMDG, I CAO/ IATA Classification: not regulated

### 13. REGULATORY INFORMATION

Hazard Designation: Xi irritant  
Risk Phrases: R36; irritating to eyes  
Safety Phrases: S26; in case of eye contact rinse immediately with plenty of water and seek medical advice. Avoid contact with water.

### 14. 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.

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