

## Material Safety and Data Sheet

---

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

---

Trade name	: Epidermics
Usage	: Cosmetics products & Personal care products
Company	: Samkwang-chem
Address	: #11111, B-dong, Heungdeok IT valley, 13, Heungdeok 1-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
Emergency telephone	: +82-31-8057-3050
FAX	: +82-31-8057-3055
E-mail	: <a href="mailto:sk@samkwang-chem.com">sk@samkwang-chem.com</a>

---

### 2. HAZARDS IDENTIFICATION

---

#### Classification of Hazards Risks

This is not a dangerous material per the OSHA Hazard Communication Definition.

#### Warning Sign, Including Caution

Pictograph: No pictograph.

Signal words: No signal words.

Hazard Risk Words: No hazard/signal words.

Precaution Words: No precaution words.

Other Hazards and Risks Not Included in the Hazard

---

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

---

<u>INCI name</u>	<u>CAS No.</u>	<u>Ratio</u>
Water	7732-18-5	A
Butylene Glycol	107-88-0	C
Hydrogenated Phosphatidylcholine	97281-48-6	D
1,2-Hexanediol	6920-22-5	E
Serine	56-45-1	E
Glycine	56-40-6	E
Alanine	56-41-7	F
Sodium PCA	28874-51-3	F
Tremella Fuciformis Polysaccharide	778577-37-0	F
Ceramide NP	100403-19-8	F
Sodium Lactate	867-56-1	F
Arginine	74-79-3	F
Glutamic Acid	56-86-0	F
Stearic Acid	57-11-4	G
Glycosphingolipids	308067-30-3	G

A= 50 - 100%	B= 25 - 50%	C= 10 - 25%	D= 5 - 10%
E= 1 - 5%	F= 0.1 - 1%	G= 0.01 - 0.1%	H≤ 0.01%

---

#### 4. FIRST AID MEASURES

---

Inhalation	: Move to fresh air. Get medical attention if symptoms persist.
Skin contact	: Wash area with soap and water. Get medical attention if symptoms occur.
Eye contact	: In the event of contact with the eyes, rinse thoroughly with clean water. Get medical attention if symptoms occur.
Ingestion	: Do NOT induce vomiting. Drink plenty of water. Get medical attention.

---

#### 5. FIRE-FIGHTING MEASURES

---

Suitable extinguishing media	: All standard extinguishing agents are suitable.
Further Information	: Use standard firefighting procedures and consider the hazards of other involved materials.
Special protective	: Self-contained breathing apparatus and full protective clothing equipment for fire-fighters must be worn in case of fire.

---

#### 6. ACCIDENTAL RELEASE MEASURES

---

Personal precautions, protective equipment and emergency procedures	: Use personal protective equipment. Provide adequate ventilation.
Environmental precautions	: Do not allow runoff to sewer, waterway or ground.
Methods for cleaning up	: Collect spillage with granulates, sawdust, rags or other absorbent. Shovel up and place in a container for salvage or disposal.

---

#### 7. HANDLING AND STORAGE

---

##### Handling

Advice on safe handling	: Use only in well-ventilated areas. Wear appropriate personal protective equipment.
Advice on protection	: Keep away from sources of ignition - No smoking. All against fire and explosion equipment used when handling the product must be grounded.

**Storage**

Requirements for storage areas and containers : Keep container tightly closed in a dark, cool, well-ventilated place.

Further information on storage conditions : Sensitive to frost from 0°C.

Other data : Material is stable under normal conditions.

Retest date : 18month from production.

---

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

---

**Engineering measures**

Provide eyewash station and safety shower.

Local exhaust is recommended.

**Personal protective equipment (ppe)**

Respiratory Protection : No protection is ordinarily required under normal conditions of use and with adequate ventilation.

Hand protection : Advice: There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanically injuries.

Eye protection : Safety glasses with side-shields conforming to EN166

Skin and Body Protection : Wear suitable protective clothing and eye/face protection.

Hygiene measures : Avoid contact with eyes, skin, and clothing.  
Wash hands after handling.  
When using do not eat, drink or smoke.

---

**9. PHYSICAL AND CHEMICAL PROPERTIES**

---

**Appearance**

Form : Cream

Color : White

Odor : Faint

**Safety data**

pH : 6.00 ~ 8.00 (2% solution)

Boiling point/boiling range : No data available.

Flash Point : A flashpoint can't be detected up to the boiling point, neither by electro- nor gas ignition.

Lower explosion limit	: No data available.
Upper explosion limit	: No data available.
Vapour pressure	: No data available.
Density	: No data available.
Water solubility	: soluble
Solubility in other solvents	: No data available.
Viscosity, dynamic	: No data available.

---

## 10. STABILITY AND REACTIVITY

---

Further Information	: No dangerous reaction if used as recommended.
Hazardous decomposition	: Measurements at temperatures above 150°C in presence of Products air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

---

## 11. TOXICOLOGICAL INFORMATION

---

Human experience	: Experience has shown, that the above mentioned product can be used without any danger to health, as long as the usual conditions of industrial hygiene are observed.
------------------	--

---

## 12. ECOLOGICAL INFORMATION

---

Additional ecological information	: Ecotoxicological data for this product is not available.
-----------------------------------	--

---

## 13. DISPOSAL CONSIDERATIONS

---

Product	: Can be incinerated in closed packaging, when in compliance with the local regulations.
Contaminated packaging	: Dispose of as unused product

---

## 14. TRANSPORT INFORMATION

---

Further Information	: This product is not regarded as dangerous goods according to the national and international regulations on the transport of
---------------------	---

dangerous goods.

Sensitive to frost from 0°C.

Keep away from foodstuffs and animal feed.

---

## 15. REGULATORY INFORMATION

---

### Inventories

Australia Inventory No data available

of Chemical Substances (AICS)

EU list of existing chemical No data available

substances

Japan Inventory of Existing & No data available

New Chemical Substances

(ENCS)

China Inventory of Existing No data available

Chemical Substances

Korea Existing Chemicals No data available

Inventory (KECI)

Canada DSL Inventory No data available

Canada NDSL Inventory No data available

Philippines Inventory of No data available

Chemicals and

Chemical Substances (PICCS)

TSCA list No data available On TSCA Inventory

For inventories that are marked as quantity restricted or special cases, please contact Samkwang-chem.

---

## 16. OTHER INFORMATION

---

**Date of Initial Creation:** APR.20,2016

**Number of Revision and Final Date of Revision**

Number of Revision : 0 time

Final Revision Date : APR.20,2016

### Further Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is

not to be considered a warranty or quality specification. The 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 process, unless specified in the text.