

Material Safety and Data Sheet

IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Trade name : Epidermics

Usage : Cosmetics products & Personal care products

Company : Samkwang-chem

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2. HAZARDS IDENTIFICATION

Classification of Hazards Risks

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

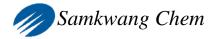
Warning Sign, Including Caution Pictograph: No pictograph. Signal words: No signal words.

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

INCI name	CAS No.	Ratio
Water	7732-18-5	Α
Butylene Glycol	107-88-0	С
Hydrogenated Phosphatidylcholine	97281-48-6	D
1,2-Hexanediol	6920-22-5	Е
Serine	56-45-1	Е
Glycine	56-40-6	Е
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

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.

: Use personal protective equipment. Provide adequate ventilation.

7. HANDLING AND STORAGE

Handling

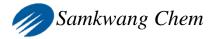
Advice on safe handling : Use only in well-ventilated areas. Wear appropriate personal protective

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

: Keep container tightly closed in a dark, cool, well-ventilated place.

areas and containers

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

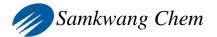
Safety data

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

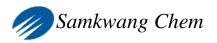
with the local regulations.

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

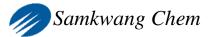
Number of Revision and Final Date of Revision

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.