

Material Safety Data Sheet

Page : 1 / 7

Published Date : 2017-06-12

Revised Date :

Product Name
Ceracare AC45

Name	Ceracare AC45
------	---------------

1. Chemical Product and Company Identification

1.1 Product Name Ceracare AC45

1.2 Recommended use of the chemical and restrictions on use

- Usage Cosmetic

- Recommended use < 30 %

1.3 Manufacturer/Supplier/Distributor Information

- Name NFC

- Address 7-22, Songdo-dong, Yeonsu-gu, Incheon-si, S.KOREA

- Emergency phone number 82-32-831-1091

2. Hazards Identification

2.1 Hazards Identification

Skin Corrosion/Irritation : Category 2

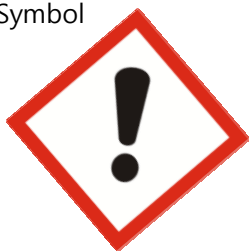
Skin Sensitization : Category 1

Serious eye damage/eye irritation : Category 2

Hazardous to Aquatic Environment : Category Chronic 4

2.2 Label elements including precautionary statements

- Symbol



- Signal Word : Warning

- Hazard. Risk Statement

H315 Causes skin irritation

H317 May cause an allergic skin reaction

2. Hazards Identification

H319 Causes serious eye irritation

H413 May cause long lasting harmful effects to aquatic life

- Precautionary statements

Prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash ... thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

Storage

P404 Store in a closed container.

Disposal

P501 Dispose of contents/container to ...

3. Composition and Information on Ingredients

Name	CAS No.	Content (%)
Ceramide EOP	100403-19-8	-
Ceramide NS	100403-19-8	-
Ceramide NP	100403-19-8	-
Ceramide AS	100403-19-8	-
Ceramide AP	100403-19-8	-
Hydrogenated Lecithin	92128-87-5	-
Cholesterol	55-88-5	-
Glyceryl stearate	123-94-4	-
Dipropylene glycol	110-98-5	-

4. First Aid Measures

4.1 Eye Contact

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.

4.2 Skin Contact

Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.

4.3 Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

4.4 Ingestion

Not available.

4.5 Indication of immediate medical attention and notes for physician:

Not available.

5. Fire-Fighting measures

5.1 Suitable (and unsuitable) extinguishing media

Digestion alcohol bubble, carbon dioxide or liquid makeup radish use□

Use dry sand or soil

5.2 Specific hazards arising from the chemical (e.g. nature of any hazardous combustion products)

Slightly flammable to flammable in presence of open flames and sparks, of heat, of oxidizing materials.

Non-flammable in presence of shocks.

5.3 Special protective equipment and precautions for fire-fighters

Escape the area, or, maintain, digest a safe distance

If not be dangerously and move the courage from the fire area

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

6.2 Environmental precautions and protective procedures

Atmosphere No Data.

Soil No Data.

Hyarospace No Data.

6.3 Methods and materials for containment and cleaning up

Keep container tightly closed.

Wash ... thoroughly after handling.

7. Handling and storage

7.1 Precautions for safe handling

Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material.

Do not ingest. Do not breathe gas/fumes/ vapor/spray.

If ingested, seek medical advice immediately and show the container or the label.

7.2 Conditions for safe storage (including any incompatibilities)

Keep container tightly closed.

Keep container in a cool
well-ventilated area

8. Exposure controls & personal protection

8.1 Control parameters

Components with workplace control parameters

8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of workday.

8.3 Personal protective equipment

Respiratory protection Put breath protection nine that finish certification of Korean production household mascot safety health industrial complex.

Eye protection Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Hands protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique(without touching glove's outer surface) to avoid skin contact with this product.

Body protection Impervious clothing,. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

9. Physical and chemical properties

9.1 Appearance	Visible
	Color
9.2 Odour	Odor
9.3 Odour threshold	No Data.
9.4 pH	5.00~7.00
9.5 Melting point/freezing point	No Data.

9. Physical and chemical properties

9.6 Initial boiling point and boiling range	No Data.
9.7 Flash point	No Data.
9.8 Evaporation rate	No Data.
9.9 Flammability (solid, gas)	No Data.
9.10 Upper/lower flammability or explosive limits	No Data.
9.11 Vapor pressure	No Data.
9.12 Solubility	No Data.
9.13 Vapor density	No Data.
9.14 Relative density	No Data.
9.15 Partition coefficient: n-octanol/water	No Data.
9.16 Auto-ignition temperature	No Data.
9.17 Decomposition temperature	No Data.
9.18 Viscosity	No Data.
9.19 Molecular mass	No Data.

10. Stability and reactivity

10.1 Chemical stability and possibility of hazardous reactions

The product is stable

10.2 Conditions to avoid

Excess heat

10.3 Incompatible materials

No Data.

10.4 Hazardous decomposition products

No Data.

11. Toxicological information

11.1 Information on the likely routes of exposure:

respiratory organ	stimulation
Oral	Not available.
Skin	Not available.
Eye	Not available.

11.2 Health hazards information

- Acute toxic Not available.
- Skin corrosive/irritant

No Data

11. Toxicological information

- Serious eye damage/eye irritation

Weak stimulation

- | | | |
|-----------------------------|-----------------------------------|---------|
| - Respiratory sensitization | | No Data |
| - Skin sensitization | | NO |
| - Carcinogenicity | Industrial Safety and Health Act□ | No Data |
| | IARC | No Data |
| | OSHA | No Data |
| | ACGIH | No Data |
| | NTP | No Data |
| | EU CLP | No Data |

- Germ Cell Mutagenicity No Data

- Reproductive toxicity No Data

- Specific target organ toxicity (single exposure)

No Data

- Specific target organ toxicity (repeated exposure)

No Data

- Aspiration hazard No Data

12. Ecological information

- | | |
|------------------------------------|---------|
| 12.1 Aquatic and terrestrial Fish | No Data |
| 12.2 Persistence and degradability | No Data |
| 12.3 Bioaccumulative potential | No Data |
| 12.4 Mobility in soil | No Data |
| 12.5 Other adverse effects | No Data |

13. Disposal considerations

13.1 Disposal method

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

13.2 Disposal precaution

Dispose of contents/container to ...

14. Transport information

14.1 UN number	Not classified in RID/ADR - ADNR - IMDG - ICAO/IATA-DGR.
14.2 UN proper shipping name	Not classified in RID/ADR - ADNR - IMDG - ICAO/IATA-DGR.
14.3 Transport hazard class	Not classified in RID/ADR - ADNR - IMDG - ICAO/IATA-DGR.
14.4 Packing group	Not classified in RID/ADR - ADNR - IMDG - ICAO/IATA-DGR.
14.5 Marine pollution	Not classified in RID/ADR - ADNR - IMDG - ICAO/IATA-DGR.
14.6 Special precaution which a user to be aware of or needs to comply with in transportconnection with transport or conveyance either within or outside their premises	Not classified in RID/ADR - ADNR - IMDG - ICAO/IATA-DGR.

15. Regulatory information

15.1 Industrial Safety and Health Act		
15.2 Toxic Chemical Control Act		Not available.
15.3 Dangerous Material Safety Control Act		Not available.
15.4 Wastes Management Act		No Data
15.5 Other requirements in domestic and other countries		
Domestic regulation	The remaining sexual organic contaminated material management law	Not available.
Outside the country regulation□	OSHA	Not available.
	CERCLA	Not available.
	EPCRA 302	Not available.
	EPCRA 304	Not available.
	EPCRA 313	Not available.
	EU	Not available.

16. Other information

16.1 Data origin	
	http://ncis.nier.go.kr
	http://hazmat.nema.go.kr
	ECOTOX Database, EPA(http://cfpub.epa.gov/ecotox)
	ECB-ESIS(European chemical Substances Information System)(http://ecb.jrc.it/esis)
	The Department of Chemistry at the University of Akron(http://ull.chemistry.uakron.edu/erd)
16.2 To use these MSDS Hangul (Korean alphabet) petals from NFC and it provides from the industrial safety hygienic law in MSDS drawing up forms which and to reconstitute to use. According to in about safe hygiene of workers industrial safety hygienic legal 41st corresponding place of business it is used with the curricular material it is commercial and the road is forbidden use. To the case which it uses with the use which is external according to writing a book Korean boxing etc. relation law it could be punished.	