

**ECOMINE Co., Ltd.**  
**MATERIAL SAFETY DATA SHEET**

Version: 0.0  
Date: 02-Mar-2020

**PRODUCT NAME : Calcium Acetate Water**

**1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER**

**Trade name** Calcium Acetate water  
**Use** Cosmetic ingredient  
**Company** ECOMINE Co., Ltd.  
(Sale Dept.) 1, Mandeok3-ro 16 Beon-gil 402,404, Buk-gu, Busan, KOREA 616-829  
(Manufacturer) 1, Mandeok3-ro 16 Beon-gil 404,Buk-gu, Busan, KOREA 616-829  
**Service** (Sale Dept.) Tel: +82-51-808-2778 Fax: +82-51-808-2752  
(Manufacture Tel: +82-51-808-2778 Fax: +82-51-808-2752  
**Emergency Phone Number** Tel: +82-51-808-2778 Fax: +82-51-808-2752

**2. HAZARDS IDENTIFICATION**

**Potential Health Effects**

**Acute Effect**

Inhalation : May irritate nose, throat and lungs depending on concentration and duration of exposure.  
Eye Contacts : Direct contact may cause temporary redness and discomfort.  
Skin Contacts : No significant irritation expected from a single short-term exposure.  
Oral : Small amounts (tablespoonful) swallowed are not likely to cause serious injury.

**Prolonged/Repeated Exposure Effects**

Inhalation : No known applicable information.  
Skin Contacts : No known applicable information.  
Oral : No known applicable information.

**Signs and Symptoms of Overexposure**

No known applicable information.

**Medical Conditions Aggravated by Exposure**

No known applicable information.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

INCI Name	CAS No.	EC No.	Content (%)
Water	7732-18-5	231-791-2	to 100
Calcium Acetate	62-54-4	200-540-9(I)	1
1,2-hexanediol	6920-22-5	230-029-6	2

**4. FIRST AID MEASURES**

Eye : Immediately flush with water.  
Skin : No first aid should be needed.  
Inhalation : Remove to fresh air. Get immediate medical attention.  
Oral : No first aid should be needed.

**5. FIRE FIGHTING MEASURES**

Flash point : N/A  
Autoignition Temperature : N/A  
Flammability Limits in Air : LFL N/A, UFL N/A  
Extinguishing Media : None Known  
Fire Fighting Measures : None Known  
Unusual Fire Hazards : None

**Hazardous Decomposition Products**

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds.

<b>6. ACCIDENTAL RELEASE MEASURES</b>	
Personal precautions, protective equipment and emergency procedures	
<ul style="list-style-type: none"> <li>- Eliminate all ignition sources.</li> <li>- Stop leak if you can do it without risk.</li> <li>- Please note that materials and conditions to avoid.</li> <li>- Ventilate the area.</li> <li>- do not touch or walk through spilled material.</li> <li>- Prevent dust cloud.</li> </ul>	
Environmental precautions and protective procedures	
- Prevent entry into waterways, sewers, basements or confined areas.	
The methods of purification and removal	
<ul style="list-style-type: none"> <li>- Small Spill; Flush area with flooding quantities of water. And take up with sand or other non-combustible absorbent material and place into containers for later disposal.</li> <li>- Large Spill; Dike far ahead of liquid spill for later disposal.</li> <li>- With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.</li> </ul>	

<b>7. HANDLING AND STORAGE</b>	
Store in sealed containers under normal cool & dry warehousing conditions, away from light & heat source.	

<b>8. EXPOSURE CONTROLS / PERSONAL PROTECTION</b>	
<b>Exposure Limits</b>	
None established.	
<b>Engineering Controls</b>	
Local Ventilation : Recommended.	
General Ventilation : Recommended.	
<b>Personal Protective Equipment for Routine Handling</b>	
Eye : Use proper protection - safety glasses as a minimum.	
Skin : Washing at mealtime and end of shift is adequate.	
Suitable Gloves : No special protection needed.	
Inhalation : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.	
Suitable Respirator : General and local exhaust ventilation is recommended to maintain vapor exposures unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.	

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	
Appearance	Liquid
Color	Colorless
Odor	Odorless
Stability	3 years stable
ph	5.0 ~7.0

<b>10. STABILITY AND REACTIVITY</b>	
Chemical Stability : Stable	
Materials to avoid : Not applicable	
Hazardous decomposition : Not occur	
Condition to avoid : Nothing particular	

## 11. TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION (ANIMAL TOXICITY DATA)

Eye : Non-toxic

Oral : Non-toxic

Inhalation : Not Determined

Dermal : Non-toxic

### Irritation Index, Estimation of Irritation (Species).

Skin : No appreciable effect

Eyes : No appreciable effect

Sensitization : Not available

Other : None

## 12. ECOLOGICAL INFORMATION

No data is available on the adverse effects of this material on the environment.

## 13. DISPOSAL CONSIDERATIONS

Disposal method

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

Disposal precaution

Consider the required attentions in accordance with waste treatment management regulation

## 14. TRANSPORT INFORMATION

UN Number : Not applicable

UN Proper shipping name : Not applicable

Transport Hazard class : Not applicable

Packing group : Not applicable

Marine pollutant : Not applicable

Special precautions

in case of fire : Not applicable in case of leakage : Not applicable

## 15. REGULATORY INFORMATION

KOREA Regulatory information

Occupational Safety and Health Regulation : Not regulated

Dangerous Material Safety Management Regulation : Not regulated

Wastes Control Act : Not regulated

Other regulation (internal and external)

Internal information

Persistent Organic Pollutants Acts : Not regulated

## 16. OTHER INFORMATION

Issuing date : 2020.03.25

revision number : 0

date of the latest revision : -

Others

- Revised Safety Data Sheet based on the amendments made on the Ministry of Employment and Labor Public Notice on Standard for Classification Labeling of Chemical Substance and Material Safety Data Sheet.
- This SDS is authored in pursuant to the Article 41 of the Occupational Safety and Health Act.
- The content is based on the latest information and knowledge that we currently possess.
- This SDS was authored to aid buyer, processor or any other third person who handles the chemical of subject in the SDS; additionally, it does not warrant suitability of the chemical for special purposes or the commercial use of statements that approves the use of it in combination with other chemicals as well as technical or legal liabilities.
- The content of the SDS may vary depending on the country or the region and may not coincide with the actual regulations. Therefore, the buyer or the processor of the chemical is responsible for observing responsible government's or the region's regulations.

**For more detailed information, please contact ECOMINE Co., Ltd.**