

[Material Safety Data Sheet]
CQ-L16 basal medium



MSDS No: AA24756-0000000001

(Issued by Korea Occupational Safety & Health Agency)

1. Identification of the Substance/Mixture and of the Company

- Product Name:** CQ-L16 (Cat No.: CQ027)
- MSDS Number:** AA24756-0000000001
- Recommended Use:** For research use only. Not for household or other uses.
- Company Information:**
 - **Manufacturer:** CellQua Co., Ltd.
 - **Address:** #801, 810, 8F, 34, Hwangsaeul-ro 200beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do, 13595, Republic of Korea
 - **Emergency Contact:** +82-10-9599-3027

2. Hazards Identification

- Hazard Classification:** Not classified.
- Label Elements:** Pictogram / Signal Word / Hazard Statements / Precautionary Statements: None (Not Applicable)
- Other Hazards:** Does not correspond to any hazardous substances or mixtures.

3. Composition/Information on Ingredients

- Ingredients:** The specific chemical identities and concentrations are withheld as Proprietary Information (Trade Secret) in accordance with internal regulations.
- Safety Note:** This product contains no hazardous ingredients.

4. First Aid Measures

- Eye Contact:** Flush eyes with running water for at least 20 minutes immediately.
- Skin Contact:** Wash skin with soap and water.
- Inhalation:** Move to fresh air. If not breathing, perform artificial respiration. If breathing is difficult, provide oxygen.
- Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person.
- Note to Physician:** Treat symptomatically.

5. Firefighting Measures

- Extinguishing Media:**
 - Suitable: Dry sand, water spray.
 - Unsuitable: High-pressure water.
- Specific Hazards:** No data available.
- Equipment:** May cause burns to skin and eyes upon contact; wear full protective gear.

6. Accidental Release Measures

Personal Precautions:

- Avoid contact with spilled material.
- Remove all ignition sources and ventilate the area.

Environmental Precautions: Prevent entry into waterways, sewers, or confined spaces.

Methods for Cleaning Up: For powder spills, cover with a plastic sheet to prevent spreading.

7. Handling and Storage

Safe Handling:

- Wash thoroughly after handling.
- Do not breathe vapors from heated material.
- Open the cap carefully.

Safe Storage:

- Keep container tightly closed.
- Store in a cool, dry, and well-ventilated place.

8. Exposure Controls/Personal Protection

Exposure Limits: No data available.

Engineering Controls: Use process enclosures or local exhaust ventilation.

Personal Protective Equipment:

- Respiratory: Use KOSHA-certified respirators if necessary.
- Eye/Hand/Skin: Wear chemical safety goggles and protective gloves.

9. Physical and Chemical Properties

Appearance: Liquid

Color: Red

Odor / Odor Threshold: No data available

pH: 7.0 – 8.0

Melting/Freezing Point: No data available

Boiling Point / Range: No data available

Flash Point / Evaporation Rate: No data available

Flammability (Solid/Gas): No data available

Solubility: Soluble in water

10. Stability and Reactivity

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Electrostatic discharge, impact, vibration, etc. (No specific data).

Incompatible Materials: No data available.

Hazardous Decomposition Products: No data available.

11. Toxicological Information

Acute Toxicity: No data available.

- Skin Corrosion/Irritation:** No data available.
- Serious Eye Damage/Irritation:** No data available.
- Germ Cell Mutagenicity / Carcinogenicity:** No data available.

12. Ecological Information

- Ecotoxicity:** No data available.
- Persistence and Degradability:** No data available.
- Bioaccumulative Potential:** No data available.
- Mobility in Soil:** No data available.
- Other Adverse Effects:** No data available.

13. Disposal Considerations

- Disposal Method:** Dispose of contents and containers in accordance with the regulations specified in the Wastes Control Act.
- Disposal Precautions:** Observe all precautions specified in the Wastes Control Act.

14. Transport Information

- UN Number:** Not classified as a dangerous good.
- UN Proper Shipping Name:** Not applicable.
- Transport Hazard Class:** Not applicable.
- Packing Group:** Not applicable.
- Marine Pollutant:** Not applicable.
- Special Safety Precautions for Transport:**
 - Fire: Not applicable.
 - Spill: Not applicable.

15. Regulatory Information

- Occupational Safety and Health Act (Korea):** Not regulated.
- Chemical Control Act (Korea):** Not regulated.
- Safety Control of Dangerous Substances Act (Korea):** Not regulated.
- Wastes Control Act (Korea):** Regulated under the Wastes Control Act.
- Other International and Domestic Regulations:** No data available.

16. Other Information

- Sources of Data:** No data available.
- First Creation Date:** 2025-01-01
- Number of Revisions & Last Revision Date:**
 - Number of Revisions: 1
 - Last Revision Date: 2026-03-06
- Others:** No data available.