

Date created May 11th, 2020

Date revised June 8th, 2020

## Safety Data Sheet (SDS)

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### 1. Product and Company Information

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Product Name : CELA Water (Slightly acidic hypochlorite water)

Company name : Meiwa Industry Company Limited (Manufacturer and distributor)

Address : 2-5 Honmachi, Iida-shi, Nagano, 395-0044, Japan

Phone : 0265-24-6677

### 2. Identification of substance

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Distinction between single products and mixtures : Mixture

Chemical name : Hypochlorous acid water

Effective chlorine concentration : Reference value for generation: 50ppm(50mg/l)

Chemical characteristics (chemical formula) : HClO

Main components : Tap water

Sodium hypochlorite (NaClO): Stock solution concentration 6%

Hydrochloric acid (HCl): Stock solution concentration 6%

### 3. Hazard Classification

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Classification name : N/A

Danger : None

Harm : None

### 4. FIRST AID MEASURES

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If inhaled : No reaction, no first aid required

If on skin : No stimulation, no first aid required

Eye contact : No stimulation, no first aid required

If swallowed : Toxicity is extremely weak, so no first aid is required for small amounts

### 5. Fire-Fighting Measures

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Extinguishing method : This product does not burn.

In the case of a surrounding fire, immediately move the container to a safe place.

If it cannot be moved, cool it by sprinkling water on the container and the surroundings.

Danger : None

### 6. Accidental Release Measures

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Precautions for human body : Be careful because the spilled place is slippery.

Environmental precautions : Harmless and non-toxic, no special measures required

### 7. Handling and Storage

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Handling : 1. Do not drink because it is not drinking water.

: 2. Do not use it to clean the eyes or mucous membranes.

: 3. Avoid contact with organic matter or the active components will be decomposed.

Storage : Avoid direct sunlight and store the container in a cold and dark place.

: Keep in a closed container and avoid contact with the outside air.(Appendix:June 8th, 2020)

#### 8. Exposure Prevention and Protection Measures

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|                         |                |
|-------------------------|----------------|
| Control concentration   | :Not specified |
| Allowable concentration | :Not specified |
| Equipment measures      | :Unnecessary   |

#### Protection

|                          |              |
|--------------------------|--------------|
| Respiratory protection   | :Unnecessary |
| Hand protection          | :Unnecessary |
| Eye protection           | :Unnecessary |
| Skin and body protection | :Unnecessary |

#### 9. Physical and Chemical Properties

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|                           |  |
|---------------------------|--|
| Appearance                | :Colorless transparent liquid                  |
| Smell                     | :Slight chlorine smell                         |
| pH(Hydrogen ion exponent) | :pH6.5 ± 0.05 (Reference value for generation) |
| Specific gravity          | :No data                                       |
| Freezing point            | :-1°C  |
| Boiling point             | :100°C   |
| Solubility                | :Completely water soluble                      |
| Flash point               | :None  |
| Ignition point            | :None  |
| Effective chlorine        | :50mg/l (Reference value for generation)       |

#### 10. Stability and Reactivity

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|                                  |   |
|----------------------------------|---|
| Stability & reactivity           | :1. Even during storage at room temperature, small amounts are decomposed, pH is shifted to alkaline, and effective chlorine concentration is lowered.<br>:2. Rapid decomposition is facilitated by sunlight, especially ultraviolet irradiation.<br>:3. Rapid decomposition is facilitated by contact with organic matter. |
| Flammability                     | :None   |
| Ignitability                     | :None   |
| Materials to avoid               | :None<br>(Metal rusting and discoloration of dyed cloth are much the same with tap water)   |
| Hazardous decomposition products | :None   |

#### 11. Hazard Information

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|                                 |                         |
|---------------------------------|-------------------------|
| Acute toxicity                  | :Oral (Rat) No toxicity |
| Inhalation                      | :Mist (Rat) No toxicity |
| Skin corrosion / Irritation     | :No irritation          |
| Serious eye damage / Irritation | :Non-stimulant          |

#### 12. Environmental Impact Information

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|               |  |
|---------------|--|
| Degradability | :Rapidly decomposed by contact with organic matter |
| Accumulative  | :No data   |

#### 13. Disposal Precautions

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|---------------------|---|
| Residual waste      | :Since it is not a dangerous or harmful substance, it may be poured directly into the sewage. |
| Packaging container | :When discarding empty containers, completely remove the contents beforehand.                 |

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#### 14. Transportation Precautions

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|---|---|
| Ground transportation                                     | : Not classified as dangerous goods   |
| Specific safety measures and conditions of transportation | : 1. Load with the plug up<br>: 2. Ensure that there is no leakage of the container during transportation, that there is no fall, drop, or damage during loading, and that the load is not collapsed. |

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#### 14. Transportation Precautions

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##### Applicable law

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|--|------------------|
| Industrial Safety and Health Act   | : Not applicable |
| Law for Promotion of Chemical Management (PRTR Act)                            | : Not applicable |
| Fire Service Act   | : Not applicable |
| Act for the Prevention of Marine Pollution and Maritime Disasters              | : Not applicable |
| Poisonous and Deleterious Substances Control Act                               | : Not applicable |
| Food Sanitation Act  | : Not applicable |
| Pharmaceutical and Medical Device Act<br>(formerly Pharmaceutical Affairs Act) | : Not applicable |
| Consumer Products Safety Act   | : Not applicable |
| Household Goods Quality Labeling Act   | : Not applicable |

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#### 15. Other Information

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##### Handling of contents of the description

This SDS is not a safety warrant. The chlorine concentration and pH described are not guaranteed values.

The contents of the description were created based on the information available to our company as of the above date, and may not be complete because all materials and literature are not surveyed.

In addition, the contents may be changed due to the announcement of new findings or correction of conventional theories.

We recommend that you confirm the contents of the description by testing when using them for important decisions.

Furthermore, the precautions are for normal handling.

In the case of special handling, it is the responsibility of the user to take safety measures suitable for the intended use and usage.