

Safety Data Sheets

安全データシート

Creation data April 1, 2020

1. Product and Company Information

Product name	Protoclean Aqua (Slightly acidic hypochlorous acid water)
Company Name	Clean Tech Co., Ltd.
Address	3-7-21 Minamisuita, Suita, Osaka
Responsible department	Development Department
Telephone	06-6339-2811
FAX	06-6385-2427

2. Ingredients Composition

Ingredients	: Hypochlorous acid (HOCl)
	: Sodium ion
	: Chloride ion
	: Water

3. Hazard Summary

Hazardous substance	: None
Specific danger	: There are rare cases where it irritates eyes. Please avoid direct contact with eyes.

4. First-aid Measures

No special measure is required as it is not harmful.

Inhalation	: No reaction. First-aid not required.
Contact with skin	: No irritation. First-aid not required.
Contact with eyes	: Wash with clean water.
Ingestion	: Not toxic. First-aid not required.

5. Fire-fighting Measures

Suitable extinguishing media	: Not necessary as it is noninflammable.
Specific danger	: None

6. Handling and storage

Precautions for safe handling	: Avoid direct contact with eyes. : Do not drink it as beverage.
Conditions for safe storage	: Avoid direct sunlight. : Avoid mixing with organic matters.

7. Physical and Scientific Data

Physical state	: Liquid similar to water	Evaporation rate	: Approx. 1 (Water=1)
Color	: Colorless	Water solubility	: Completely soluble
Freezing point	: -1°C	Explosiveness	: None
Boiling point	: 100°C	Residual chlorine	: 30mg/ℓ Or 50mg/ℓ
Vapor pressure	: Same as water		

(According to the spraying test in a sealed room, 0.05ppm or less when using the 50mg/ℓ liquid.)

8. Stability and reactivity

Conditions to avoid : Avoid direct sunlight and mixing with organic matters.
Materials to avoid : None (About the same rust as tap water).

Hazardous material produced by decomposition : None (It breaks into normal water and salt).

9. Toxicological Information

Acute toxicity : Nontoxic
Effect on contact point : None
Specific effect : None

10. Ecological Information

Nontoxic. It is harmless and environmentally safe.

11. Disposal considerations

As it is a nontoxic and harmless product, it does not require special measures for its disposal.

12. Transport information

It is not categorized as a hazardous material by the transportation regulation.

13. Regulatory information

This product is not subject to any known regulation, nor it is regulated by any organization.
It is not categorized as a hazardous material.

14. Other information

This information is offered for safe handling, storage, transportation and disposal, and it should not be interpreted as a warranty or quality specifications. This information is applicable only to the specified material, and unless it is stated in this safety data sheets, it is not applicable to the usage combined with other materials.