

# MATERIAL SAFETY DATA SHEET — 16 Sections

## SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier HOCl Disinfectant/Sanitizer

Other means of identification 「SPARCHLOR」

Product Code JICFS Code

4573106800219 「SPARCHLOR」 60ml 212997 (Other household detergents)

4573106800226 「SPARCHLOR」 1ℓ 212997 (Other household detergents)

4573106800233 「SPARCHLOR」 5ℓ 212997 (Other household detergents)

4573106800240 「SPARCHLOR」 20ℓ 212997 (Other household detergents)

Synonyms Disinfectant, Sanitizer

Recommended use of the chemical and restrictions on use Recommended Use For Disinfecting Hard Surfaces and Sanitizing food prep areas

Manufacturer's Name : JESC CO.,LTD.

Street Address : (Block24,1-78,Hirakasa,Hachimantai City,Iwate Prefecture,028-7113Japan)

City : Hachimantai / Postal Code : 028-7113 / Emergency Telephone : +81-195-7411 /

Date MSDS Prepared : November 2020.

MSDS Prepared By : Junichiro Segawa / Phone Number : +81-195-7411 /

## SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

This product contains no substances which at its given concentration, are considered hazardous to health. However,

**Synonyms** Disinfectant, Sanitizer

## SECTION 3 — HAZARDS IDENTIFICATION

**Appearance** Clear Liquid    **Physical State** Liquid    **Odor** Faint chlorine

### Classification

This product does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

#### 4. FIRST AID MEASURES

##### First Aid Measures

**Eye Contact** If irritation occurs, flush eyes with water.

**Skin Contact** If irritation occurs, wash affected area with water.

**Inhalation** If breathing problems develop, move away from product and into fresh air.

**Ingestion** Drink an 6 oz. glass of water.

##### **Most important symptoms and effects**

**Symptoms** Under normal use conditions the likelihood of any adverse health effect is low.

##### **Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** None Applicable but treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media** Product is not flammable or explosive- not applicable.

**Unsuitable Extinguishing Media** Product is not flammable or explosive- not applicable.

##### **Specific Hazards Arising from the Chemical**

Not Determined

##### **Protective equipment and precautions for firefighters**

None needed as product is not flammable or explosive.

#### 6. ACCIDENTAL RELEASE MEASURES

##### **Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** No personal protective equipment is required under normal conditions.

##### **Methods and material for containment and cleaning up**

**Methods for Containment and Methods for Clean-up** Product is  $\leq 0.9\%$  sodium chloride (salt) solution and  $\leq 0.05\%$  free available chlorine. Some localities allow such concentrations to be sent to open storm sewers. However, local environmental regulatory requirements should be followed. If desired, spills can be washed to sewer with plenty of water, or neutralized using sodium sulfite or sodium thiosulfate.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well ventilated place.

**Incompatible Materials** Acids and Hydrogen Peroxide

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriated engineering controls

**Engineering Controls** Under normal conditions, none is required. Provide general and/or local exhaust ventilation to maintain a comfortable environment during showers, and at eyewash stations.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Under normal conditions, not required.

**Skin and Body Protection** None required under normal use.

**Respiratory Protection** Not required under normal use conditions.

### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid		
<b>Appearance</b>	Clear Liquid	<b>Odor</b>	Faint chlorine odor
<b>Color</b>	Clear	<b>Odor Threshold</b>	Not determined
<b>Property</b>	<b>Values</b>		<b>Remarks – Method</b>
<b>pH</b>	4.0 - 7.3		
<b>Melting Point/Freezing Point</b>	0° C / 32° F		
<b>Boiling Point/Boiling Range</b>	100° C / 212°F		
<b>Flash Point</b>	Non-flammable		
<b>Evaporation Rate</b>	0.3		Comparable to water
<b>Flammability (Solid, Gas)</b>	Liquid-Not applicable		

Property	Values	Remarks – Method
<b>Upper Flammability Limits</b>	Not Determined	
<b>Lower Flammability Limit</b>	Not Determined	
<b>Vapor Pressure</b>	Not Determined	
<b>Vapor Density</b>	Not Available	
<b>Specific Gravity</b>	1.00 1.06 g/ml or 8.34 lbs/gal	
<b>Water Solubility</b>	100% soluble	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Auto-ignition Temperature</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not considered to be an explosive hazard	
<b>Oxidizing Properties</b>	Not determined	

## 10. STABILITY AND REACTIVITY

**Reactivity** Reactive to acid products and hydrogen peroxide.

**Chemical Stability** Stable under recommended storage conditions.

### **Possibility of Hazardous Reactions**

**Hazardous Polymerization** Will not undergo hazardous polymerization.

**Conditions to Avoid** Avoid accidental contact of product with acids and hydrogen peroxide. **Incompatible Materials** Acids and Hydrogen Peroxide.

**Hazardous Decomposition Products** None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact** Avoid contact with eyes.

**Skin Contact** Not expected to be a skin irritant during labeled use.

**Inhalation** If breathing problems develop, move away from product and into fresh air.

**Ingestion** Do not ingest.

## Component Information

### Chemical Name

Water > 99% Hypochlorous Acid < 0.05%

### Oral LD50

1.26- 2.0 g/kg (Rat) Note: Chlorine levels

### Dermal LD50

1.26- 2.0 g/kg (Rat) Note: Chlorine levels

### Inhalation LC50

Not Applicable

## Information on physical, chemical and toxicological effects

**Symptoms** Please see Section 4 of this SDS for symptoms.

## Delayed and immediate effects as well as chronic effects from short and long-term exposure Carcinogenicity

Based on information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity** Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not classified as environmentally hazardous.

### Component Information

Chemical Name

Water 99% Hypochlorous Acid < 0.05%

Algae/aquatic plants

None

Fish

None

Toxicity to Microorganisms

None

Crustacea

None

Persistence/Degradability None

Bioaccumulation Not determined

Mobility Not determined

Other Adverse Effects Not determined

### 13. DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

#### Disposal of Wastes

Product is  $\leq 0.9\%$  sodium chloride (salt) solution and  $\leq 0.05\%$  free available chlorine. Some localities allow such concentrations to be sent to open storm sewers. However, local environmental regulatory requirements should be followed. If desired, spills can be washed to sewer with plenty of water, or neutralized using sodium sulfite or sodium thiosulfate.

#### Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulation.

### 14. TRANSPORT INFORMATION

#### Note

Please see current shipping paper for most up to date shipping information,

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

All ingredients are listed or exempt from listing on Chemical Substance Inventory.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemical and Chemical Substances

AICS - Australian Inventory of Chemical Substances

## **US Federal Regulations**

### **CERCLA**

This material as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of Code of Federal Regulations, Part 372.

### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

## **US State Regulations**

### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### **U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

<b>16. OTHER INFORMATION</b>
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#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process unless specified in the text.

End of Safety Data Sheet