

# SAFETY DATA SHEET

ANTI-MICROBE

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Date prepared: MARCH 27, 2020

MSDS : ANTI-MICROBE SDS GHS

## 1. IDENTIFICATION

### Product Identifier

**Product Name** ANTI-MICROBE

### Recommended use of the chemical and restrictions on use

**Recommended use** Hand Sanitizer  
**Restrictions on use** For industrial use only

### Supplier details

Atomes FD Inc. 3485 Ashby Ville Saint Laurent Québec Canada H4R 2K3.

### Emergency Telephone Number

Canutec (613)-996-6666

## 2. HAZARDS IDENTIFICATION

### Classification

Eye damage/irritation	Category 2B
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### Label Elements

#### WARNING

**Hazard Statements**  
Causes eye irritation



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### Prevention

Wash face, exposed eyes thoroughly after handling.

### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
Benzalkonium Chloride	8001-54-5	0.15-0.3

**4. FIRST AID MEASURES**

<b>Eye contact</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Skin contact</b>	Not applicable.
<b>Inhalation</b>	Not applicable
<b>Ingestion</b>	Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

Causes irritation to eyes. Symptoms include tingling sensation and / or reddening.

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

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Not applicable

**Unsuitable Extinguishing Media**

None.

**Specific hazards arising from the chemical**

None known.

**Protective Equipment and Precautions for Firefighters**

Not applicable.



## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes. Use personal protective equipment.

### Environmental Precautions

Prevent further leakage or spillage if safe to do so.

### Methods and material for containment and cleaning up

Rinse area with plenty of water.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling** Avoid contact with eyes. Do not drink it.

### Conditions for safe storage, including any incompatibilities

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

**Incompatible Materials** None

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

None of the constituents in this product have a known exposure limit.

### Appropriate engineering controls

**Engineering Controls** Not required.

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

**Eye/face Protection** Not required.

**Skin and body protection** Not required.

**Respiratory Protection** Not required.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **APPEARANCE :**

Clear, thick green liquid

### **ODOR**

Odorless

### **ODOR THRESHOLD :**

Not applicable

### **pH :**

7

### **MELTING POINT / FREEZING POINT :**

Not available

### **BOILING POINT/BOILING RANGE :**

100°C

### **VAPOR PRESSURE, mm Hg AT 20°C :**

Not applicable

### **VAPOR DENSITY (Air = 1) :**

Not applicable

### **RELATIVE DENSITY AT 20°C:**

1.00

### **SOLUBILITY IN WATER :**

Complete

### **PARTITION COEFFICIENT, N-OCTANOL/WATER :**

Not available

### **AUTO-IGNITION TEMPERATURE :**

None



**FLASH POINT :**

None

**EVAPORATION RATE, water = 1 :**

1

**FLAMMABILITY (SOLID, GAS):**

Not applicable

**DECOMPOSITION TEMPERATURE:**

Not available

**VISCOSITY:**

2000 cps @ 22°C

**FLAMMABLE LIMITS :****UPPER:** Not applicable **LOWER :** Not applicable**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive

**Conditions to Avoid**

None.

**Chemical Stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

None

**Incompatible Materials**

None

**Hazardous decomposition products**

None

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Benzalkonium Chloride 8001-54-5	No data available	No data available	Not applicable

**Information on likely sources of exposure****Serious eye damage/irritation**

Causes eye irritation.

**Skin corrosion/irritation**

physician.

Not observed. If any irritation develops, stop using and consult a

**Delayed and immediate effects and also chronic effects from short and long-term exposure****Respiratory or skin sensitization**

Not a sensitizer.

**Germ cell mutagenicity**

None known.

**Carcinogenicity**

None known.

**Reproductive toxicity**

None known.

**STOT - single exposure**

None known.

**STOT-repeated exposure**

None known.

**Aspiration Hazard**

None.

**Symptoms related to the physical, chemical and toxicological characteristics**

Symptoms include tingling sensation and / or reddening of eyes.



**12. ECOLOGICAL INFORMATION****Ecotoxicity**

No information available

**Persistence and degradability**

Readily biodegradable

**Bioaccumulative potential**

No information available

**Mobility in soil**

No information available

**Other adverse effects**

None known

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with local regulations.

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORT INFORMATION****TDG classification**

Not regulated

**15. REGULATORY INFORMATION**

All ingredients are listed on the DSL

**16. OTHER INFORMATION****Preparation Date**

MARCH 27, 2020

**Revision Date**

not applicable

**Revision Note**

not applicable

**Disclaimer**

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**End of SDS**