



# MSDS

Report No.: BSTDG200313730701CR

Date: Mar.31, 2020

Page 1 of 8

## Material Safety Data Sheets

### Section 1 - Product and Company Identification

**Product Identification:** CHLORINE DIOXIDE DISINFECTION TABLET

**Supplier Name:** GUANGZHOU XINGBANGNI ENVIRONMENTAL PROTECTION  
TECHNOLOGY CO., LTD

**Supplier Address:** Room 310, no.290-1, Zhongshan Avenue East Road, Huangpu District, Guangzhou

**Sample Model:** 100 tablets

**Trade Name:** SPENE

**Contact Person :** Huang qipei

**Tel.:** 02022099112

**E-mail:** spene@spene.com.cn

Signed for and on behalf of



**Tony Qian/ Approved Signatory**

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.

**Dongguan BST Testing Co., Ltd.**

A1201-1203 Xinsanqi Of Dongbao Road, Dongchen  
District, Dong guan, Guangdong, China

Tel:400-880-2056  
Http://www.bst-lab.com

E-mail:christina@bst-lab.com  
Complaints hotline:86-755-26747756



## Material Safety Data Sheets

### Section 2 – Composition/Information on Ingredients

**Ingredient Name:** CHLORINE DIOXIDE DISINFECTION TABLET

**The difference between the single product and mixture:** mixture

**Chemical Name:**

**Constitutes:**

Chemical Name	CAS No.	Content/%
Sodium chlorite	7758-19-2	10
Citric acid	77-92-9	8
Magnesium sulphate	7487-88-9	8
Sodium hydrogensulphate	7681-38-1	14
Sodium carbonate	497-19-8	16
Sodium chloride	7647-14-5	44

### Section 3 - Hazards Identification information

**Health Hazards (Acute & Chronic):**

Powder can activate our nose and fauces, lead to chogh and sore throat.

**Environment's effect:** None

**Physics and chemistry's danger:** Avoid contact with eyes.

**Special harm:** None

**Main symptoms:** None

**Classification of the substance or mixture**

**Classification (1272/2008/CE):**

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.



# MSDS

Report No.: BSTDG200313730701CR

Date: Mar.31, 2020

Page 3 of 8

## Material Safety Data Sheets

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

**Classification (2006/121/EC, 1999/45/EC):**

No classification according to EC Directives 2006/121/EC or 1999/45/EC.

### Label elements

**Labelling (1272/2008/CE):**



### Other hazards

No information available.

## Section 4 - First Aid Measures

### First Aid:

**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.

**Skin:** Swabbed out and water to clean.

**Serious Skin Contact:** Seek immediate medical attention.

**Inhalation:** Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

**Serious Inhalation:** Seek immediate medical attention.

**Ingestion:** Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

**Serious Ingestion:** Seek immediate medical attention.

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.

**Dongguan BST Testing Co., Ltd.**

A1201-1203 Xinsanqi Of Dongbao Road, Dongchen  
District, Dong guan, Guangdong, China

Tel:400-880-2056  
Http://www.bst-lab.com

E-mail:christina@bst-lab.com  
Complaints hotline:86-755-26747756



# MSDS

Report No.: BSTDG200313730701CR

Date: Mar.31, 2020

Page 4 of 8

## Material Safety Data Sheets

### Section 5 - Fire Fighting Measures

**Flammability of the Product:** May be combustible at high temperature.

**Auto-Ignition Temperature:** Not available.

**Flash Points:** Not available.

**Flammable Limits:** Not available.

**Products of Combustion:** These products are carbon oxides (CO, CO<sub>2</sub>).

**Fire Hazards in Presence of Various Substances:** Non-flammable in presence of open flames and sparks, of heat, of oxidizing materials, of reducing materials, of combustible materials, of moisture.

**Explosion Hazards in Presence of Various Substances:** Risks of explosion of the product in presence of mechanical impact: Not available.

**Risks of explosion of the product in presence of static discharge:** Not available.

**Fire Fighting Media and Instructions:**

SMALL FIRE: Use DRY chemical powder.

LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

**Special Remarks on Fire Hazards:** Not available.

**Special Remarks on Explosion Hazards:** Not available.

### Section 6 - Accidental Release Measures

**Small Spill:**

Use appropriate tools to put the spilled solid in a convenient waste disposal container. If necessary: Neutralize the residue with a dilute solution of acetic acid. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**Large Spill:**

Use a shovel to put the material into a convenient waste disposal container. Neutralize the residue with a dilute solution of acetic acid. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.

**Dongguan BST Testing Co., Ltd.**

A1201-1203 Xinsanqi Of Dongbao Road, Dongchen  
District, Dong guan, Guangdong, China

Tel:400-880-2056  
Http://www.bst-lab.com

E-mail:christina@bst-lab.com  
Complaints hotline:86-755-26747756



# MSDS

Report No.: BSTDG200313730701CR

Date: Mar.31, 2020

Page 5 of 8

## Material Safety Data Sheets

### Section 7 - Handling and Storage

- Wearing protective clothing, wear rubber gloves.
- Prevent packaging and container unloading damage.

#### **Precautions to be taken in handling and storing**

- Stored in a cool, well-ventilated area.
- Far from fire, heat source, Humid environments.
- Equipped with corresponding varieties and number of fire equipment.

### Section 8 - Exposure Controls & Personal Protection

#### **Respiratory Protection:**

The higher concentration in the air when filter brand-newly type gas mask, wearing a mask (half).

**Ventilation:** Not necessary under conditions of normal use.

**Protective Gloves:** Wear rubber gloves.

#### **Other Protective Clothing or Equipment:**

- Wearing protective clothing.
- Maintain good health habits.

### Section 9-Physical and Chemical Properties

**Appearance and properties:** Solid

**Color:** White.

**Melting point (°C) :** No Material

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.

**Dongguan BST Testing Co., Ltd.**

A1201-1203 Xinsanqi Of Dongbao Road, Dongchen  
District, Dong guan, Guangdong, China

Tel:400-880-2056  
Http://www.bst-lab.com

E-mail:christina@bst-lab.com  
Complaints hotline:86-755-26747756



# MSDS

Report No.: BSTDG200313730701CR

Date: Mar.31, 2020

Page 6 of 8

## Material Safety Data Sheets

**Relative density (water=1): No Material**

**Boiling Point (°C): No Material**

**Decomposition temperature (°C): No Material**

**Relative steam density (air = 1): No Material**

**Burning hot (kJ/mol): No Material**

**The critical temperature (°C) : No Material**

**Critical pressure (MPa): No Material**

### Section 10 - Stability & Reactivity Data

**Chemical Stability:** Stable.

**Conditions to Avoid:** Humid environments.

**Material for avoiding :** Some substance after oxidation, acerbity.

**Hazardous Polymerization:** N/A

### Section 11 - Toxicological Information

**Routes of Entry:** Eye contact.

**Toxicity to Animals:**

LD50: 350mg/kg.

LC50: 1200mg/m<sup>3</sup>/h.

**Chronic Effects on Humans:** Not available.

**Other Toxic Effects on Humans:** Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

**Special Remarks on Toxicity to Animals:** Not available.

**Special Remarks on Chronic Effects on Humans:** Not available.

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.

**Dongguan BST Testing Co., Ltd.**

A1201-1203 Xinsanqi Of Dongbao Road, Dongchen  
District, Dong guan, Guangdong, China

Tel:400-880-2056  
Http://www.bst-lab.com

E-mail:christina@bst-lab.com  
Complaints hotline:86-755-26747756



# MSDS

Report No.: BSTDG200313730701CR

Date: Mar.31, 2020

Page 7 of 8

## Material Safety Data Sheets

**Special Remarks on other Toxic Effects on Humans:** Not available.

### Section 12 - Ecological Information

#### **Ecological Information:**

Water hazard class 1 (German Regulation) (Self-assessment): Not applicable.

#### **Results of PBT and vPvB assessment**

- PBT: Not applicable.
- vPvB: Not applicable.
- Other adverse effects: No further relevant information available.

### Section 13 - Disposal Considerations

#### **Waste treatment methods**

1. To process to others products.
2. Local agency to understand correlative procedure.

### Section 14 - Transport Information

**Packaging methods:** N/D

**Transport Fashion:** By air, by sea, by railway, by road.

**Attention:** Gentle with, prevent collision drag and dump, Avoid exposure.

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.

**Dongguan BST Testing Co., Ltd.**

A1201-1203 Xinsanqi Of Dongbao Road, Dongchen  
District, Dong guan, Guangdong, China

Tel:400-880-2056  
Http://www.bst-lab.com

E-mail:christina@bst-lab.com  
Complaints hotline:86-755-26747756



# MSDS

Report No.: BSTDG200313730701CR

Date: Mar.31, 2020

Page 8 of 8

## Material Safety Data Sheets

### Section 15 - Regulatory Information

Work safety and sanitation law, the rule of lead free, Waste clear's rule.

### Section 16 - Other Information

**Other Information:** the above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the result of its use, this information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

BST confirmed the ninth item, the above content as reference information only. Please the user according to the demand to judge it usability. BST has no any responsibility.

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BST, this test report shall not be copied except in full and published as advertisement. BST Physical & Chemical Lab.

**Dongguan BST Testing Co., Ltd.**

A1201-1203 Xinsanqi Of Dongbao Road, Dongchen District, Dong guan, Guangdong, China  
Tel:400-880-2056  
Http://www.bst-lab.com  
E-mail:christina@bst-lab.com  
Complaints hotline:86-755-26747756