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## SAFETY DATA SHEETS

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### SECTION 1: Identification

#### 1.1 GHS Product identifier

Product name Modified Borate

#### 1.2 Other means of identification

Product number DX622

Other names

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

Identified uses industrial and scientific research use.

Uses advised against no data available

#### 1.4 Supplier's details

Company Dexu New Material (Guangzhou) Co., Ltd;

Address Provided by dxchem.cn.For reference only;

Telephone 020-82118890;

#### 1.5 Emergency phone number

Emergency phone number Provided by dxchem.cn.For reference only;

Service hours Monday to Friday, 9am-5pm (Standard time zone:UTC/GMT+8 hours )

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### SECTION 2: Hazard identification

#### 2.1 Classification of the substance or mixture

Product definition mixture substance

#### 2.2 GHS label elements, including precautionary statements

Pictogram(s) No symbol

Signal word No Signal word

Hazard statement(s) none

Precautionary statement(s)

Prevention none

Response none

Storage none

Disposal none

#### 2.3 Other hazards which do not result in classification

no data available

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### SECTION 3: First-aid measures

#### 3.1 Description of necessary first-aid measures

If inhaled

Fresh air,rest.

#### **Following skin contact**

Rinse and then wash skin with water and soap.

#### **Following eye contact**

First rinse with plenty of water for several minutes(remove contact lenses if easily possible),then refer for medical attention.

#### **Following ingestion**

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

### **3.2 Most important symptoms/effects , acute and delayed**

Industrial use of compound involves no known hazards. Ingestion causes mild irritation of mouth and stomach. Contact with eyes or skin causes mild irritation.

### **3.3 Indication of immediate medical attention and special treatment needed , if necessary**

Immediate first aid :Ensure that adequate decontamination has been carried out. If patient is not breathing,start artificial respiration , preferably with a demand-valve resuscitator , bag-valve-mask device , or pocket mask,as trained . Perform CPR asnecessary. Immediately flush contaminated eyes wiyh gently flowing water. Do not induce vomiting. If vomiting occurs,lean patient forward or place on left side (head-down position,if possible)to maintain an open airway and prevent aspiration. Keep patient quiet and maintain normal body temperature.Obtain medical attention. Organic acids and related compounds.

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## **SECTION 4: Fire-fighting measures**

### **4.1 Suitable extinguishing media**

Use water spray, dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Water spray may be used to flush spills away from exposures.

### **4.2 Specific hazards arising from the chemical**

The chemical is combustible.

### **4.3 Special protective actions for fire-fighters**

Use water spray, powder, foam, carbon dioxide.

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## **SECTION 5: Accidental release measures**

### **5.1 Personal precautions,protective equipment and emergency peocedures**

Collect leaking and spilled liquid in covered containers as far as possible. Wash away remainder with plenty of water.

### **5.2 Environmental precautions**

Collect leaking and spilled liquid in covered containers as far as possible. Wash away remainder with plenty of water.

### **5.3 Methods and materials for containment and cleaning up**

Cover with soda ash or sodium bicarbonate. Mix and add water. Neutralize and drain into a drain with sufficient water.

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## **SECTION 6: Handling and storage**

### **6.1 Precautions for safe handling**

No open flames. Handling in a well ventilated place.Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

### **6.2 Conditions for safe storage, including any incompatibilities**

Separated from strong bases. Keep containers closed and store in cool and dark places.

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## **SECTION 7: Exposure controls/personal protection**

### **7.1 Control parameters**

**Occupational Exposure limit values**

no data available

**Biological limit values**

no data available

**7.2 Appropriate engineering controls**

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

**7.3 Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Water safety spectacles.

**Skin protection**

Protective gloves

**Respiratory protection**

Use local exhaust

**Thermal hazards**

no data available

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**SECTION 8: Physical and chemical properties and safety characteristics**

Physical state	liquid	
Colour	Light yellow to colorless transparent liq (above 0 °C)	
Odour	Organic amine odor	
Melting point/freezing point		no data available
Boiling point or initial boiling point and boiling range		no data available
Flammability		non-combustible
Lower and upper explosion limit/flammability limit		no data available
Flash point		no data available
Auto-ignition temperature		no data available
Decomposition temperature		no data available
pH		8.5-10.5
Kinematic viscosity		no data available
Solubility		Soluble
Partition coefficient n-octanol/water		no data available
Vapour pressure		no data available
Density and/or relative density		no data available
Relative vapour density		1.25 (vs air)
Particle characteristics		no data available

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**SECTION 9: Stability and reactivity**

**9.1 Reactivity**

No specific reactivity was reported

**9.2 Chemical stability**

In general, it is stable.

**9.3 Possibility of hazardous reactions**

no data available

**9.4 Conditions to avoid**

no data available

**9.5 Incompatible materials**

no data available

**9.6 Hazardous decomposition products**

no data available

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## SECTION 10: Toxicological information

### Acute toxicity

no data available

### Skin corrosion/irritation

no data available

### Serious eye damage/irritation

no data available

### Respiratory or skin sensitization

no data available

### Germ cell mutagenicity

no data available

### Carcinogenicity

no data available

### Reproductive toxicity

no data available

### STOT-single exposure

The substance is mildly irritating to the eyes and skin.

### STOT-repeated exposure

no data available

### Aspiration hazard

no data available

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## SECTION 11: Ecological information

### 11.1 Toxicity

no data available

### 11.2 Persistence and degradability

no data available

### 11.3 Bioaccumulative potential

no data available

### 11.4 Mobility in soil

no data available

### 11.5 Other adverse effects

no data available

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## SECTION 12: Disposal considerations

### 12.1 Disposal methods

#### Product

The material can be disposed of by remove to a licensed chemical destruction plant. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

#### Contaminated packaging

Containers can be triply rinsed and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

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## SECTION 13: Transport information

### 13.1 UN Number

### 13.2 UN Proper Shipping Name

### 13.3 Transport hazard class(es)

### 13.4 Packing group, if applicable

### 13.5 Environmental hazards

ADR/RID: No IMDG: No IATA:No

### 13.6 Special precautions for user

no data available

### 13.7 Transport in bulk according to IMO instruments

no data available

## SECTION 14: Regulatory information

### 14.1 Safety, health and environmental regulations specific for the product in question

Chemical name	Modified Borate
European Inventory of Existing Commercial Chemical Substances	Listed
EC Inventory	Listed
United States Toxic Substance Control Act Inventory	Listed
China Catalog of Hazardous chemicals 2015	Not listed
New Zealand Inventory of Chemicals	Listed
Philippines Inventory of Chemicals and Chemical Substances	Listed
Vietnam National Chemical Inventory	Listed
Chinese Chemical Inventory of Existing Chemical Substances	Listed
Korea Existing Chemicals List	Listed

## SECTION 15: Other information

### Information on revision

Create Date June 24,2024

Revision Date June 24,2024

### Other information

The substance can be absorbed by ingestion, but no harmful effects have been found.

**Any questions regarding this SDS, Please send your inquiry to [service@dxchem.cn](mailto:service@dxchem.cn)**

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