SAFETY DATA SHEETS

SECTION 1: Identification

1.1 GHS Product identifier

Product name	Triethanolamine Borate

1.2 Other means of identification

Product number	DX630
Other names	

1.3 Recommended use of the chemical and restrictions on use

Indentified 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)

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

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.

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.

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.

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.

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

SECTION 8: Physical and chemical properties and safety characteristics

Physical state	liquid
Colour	Light yellow transparent liq (above 0 ℃)
Odour	Organic amine odor
Melting point/freezing point	235-237℃(lit.)
Boiling point or initial boiling point and boiling range	149.6 ℃ at 760 mmHg
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 presure	no data available
Density and/or relative density	no data available
Relative vapour density	1.21（vs air）
Particle characteristics	no data available

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

SECTION 10: Toxicological information

Acute toxicity
no data availablee

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

SECTION 11: Ecological information

11.1 Toxicity
no data available

11.2 Presistence 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

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.

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	Triethanolamine 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