

SAFETY DATA SHEETS

SECTION 1: Identification

1.1 GHS Product identifier Product name

Copper Corrosion Inhibitor DX5863

- 1.2 Recommended use of the chemical and restrictions on use Indentified uses industrial and scientific research use. Uses advised against no data available
- 1.3 Supplier's details Company Address Telephone
- 1.4 Emergency phone number Emergency phone number Service hours

Dexu New Material (Guangzhou) Co., Ltd; Provided by dxchem.cn.For reference only; 020-82118890;

020-82118890; 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, includin	g 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: Composition/information on ingredients

3.1 Substances

Chemical name	CAS number	Molecular formula
Copper Corrosion Inhibitor		

SECTION 4: First-aid measures

4.1 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.

4.2 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.

4.3 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 5: Fire-fighting measures

5.1 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.

- 5.2 Specific hazards arising from the chemical The chemical is combustible.
- **5.3** Special protective actions for fire-fighters Use water spray, powder, foam, carbon dioxide.

SECTION 6: Accidental release measures

6.1 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.

6.2 Environmental precautions

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

6.3 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 7: Handling and storage

7.1 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.

7.2 Conditions for safe storage, including any incompatibilities Separated from strong bases. Keep containers closed and store in cool and dark places.





SECTION 8: Exposure controls/personal protection

8.1 Control parameters Occupational Exposure limit values no data available Biological limit values no data available

8.2 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.

8.3 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 9: Physical and chemical properties and safety

characteristics

40001100100			
Physical state	Liquid		
Colour	amber		
0dour	Amine taste		
Melting point/free	zing point	no data available	
Boiling point or in	nitial boiling point and boiling range	no data available	
Flammability non-combustible			
Lower and upper exp	plosion limit/flammability limit	no data available	
Flash point		no data available	
Auto-ignition temp	erature	no data available	
Decomposition temp	erature	no data available	
pН		7.0-9.0	
Solubility		soluble in water	
Density		1.10	
Particle character	istics	no data available	

SECTION 10: Stability and reactivity

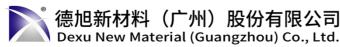
- 10.1 Reactivity No specific reactivity was reported.
 10.2 Chemical stability
- Generally stable. 10.3 Conditions to avoid Oxidant

Oxidant

10.4 Dangerous decomposition products carbon monoxide, carbon dioxide, nitrogen oxide.

SECTION 11: Toxicological information

Acute toxicity Inhalation : no data available Dermal: 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

SECTION 12: Ecological information

- 12.1 Toxicity no data available
- 12.2 Presistence and degradability no data available
- 12.3 Bioaccumulative potential no data available
- 12.4 Mobility in soil no data available
- 12.5 Other adverse effects no data available

SECTION 13: Disposal considerations

13.1 Disposal methods Product

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

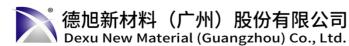
Contaminated packaging

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 14: Transport information

14.1 UN Number

- 14.2 UN Proper Shipping Name
- 14.3 Transport hazard class(es)
- 14.4 Packing group, if applicable
- 14.5 Environmental hazards ADR/RID: No IMDG: No IATA:No
- 14.6 Special precautions for user no data available
- 14.7 Transport in bulk according to IMO instruments no data available



SECTION 15: Regulatory information

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

Chemical name	CAS number	
Copper Corrosion Inhibitor	_	
European Inventory of Existing Commercial Chemical Substances		Listed
EC Inventory	Listed	
United States Toxic Substance Control Act Invento	Listed	
China Catalog of Hazardous chemicals 2015	Not listed	
New Zealand Inventory of Chemicals	Listed	
Philippines Inventory of Chemicals and Chemical S	Listed	
Vietnam National Chemical Inventory	Listed	
Chinese Chemical Inventory of Existing Chemical Substances		Listed
Korea Existing Chemicals List		Listed

SECTION 16: Other information

Information on revision

Create Date July 15,2022

Revision Date July 15,2022

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

Disclaimer: The above information is believed to be correct but does not purport to all inclusive and shall be used only as a guide. The information in this document is based on the present state of our konwledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. We as supplier shall not be held liable for any damage resulting from handling or from contact with the above product.