

## SAFETY DATA SHEETS

### SECTION 1: Identification

#### 1.1 GHS Product identifier

Product name Tall oil diethanolamide  
DX2021

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

Identified uses industrial and scientific research use.  
Uses advised against no data available

#### 1.3 Supplier's details

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

#### 1.4 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 Single 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: Composition/information on ingredients

#### 3.1 Substances

Chemical name	CAS number	Molecular formula
Tall oil diethanolamide	68155-20-4	C <sub>23</sub> H <sub>45</sub> ON(C <sub>2</sub> H <sub>5</sub> O) <sub>2</sub>

### 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.

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**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.

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**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.

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**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.

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## 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

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## SECTION 9: Physical and chemical properties and safety characteristics

Physical state	Liquid	
Colour	Brownish red	
Odour	Amine taste	
Melting point/freezing point		no data available
Boiling point or initial boiling point and boiling range		no data available
Flammability		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
Solubility		soluble in water
Relative vapour density		1.01 (vs air)
Particle characteristics		no data available

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## 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

### 10.4 Dangerous decomposition products

carbon monoxide, carbon dioxide, nitrogen oxide.

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## 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

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## SECTION 12: Ecological information

### 12.1 Toxicity

no data available

### 12.2 Persistence 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

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## 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.

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## 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

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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations specific for the product in question**

Chemical name	CAS number
Tall oil diethanolamide	68155-20-4
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

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**SECTION 16: Other information****Information on revision**

Create Date July 15,2021

Revision Date July 15,2021

**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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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 knowledge 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.