SAFETY DATA SHEETS

SECTION 1: Identification

1.1 GHS Product identifier

Product name	Oleic acid diethanolamide
	DX1820

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	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
Oleic acid diethanolamide	93-83-4	$C_{18}H_{35}ON(C_2H_5O)_2$

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

Physical state	Liquid
Colour	Amber
Odour	no data available
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	1.00
Particle characteristics	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

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
Oleic acid diethanolamide	93-83-4
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

SECTION 16: Other information

Information on revision

Create Date July 15,2024

Revision Date July 15,2024

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