

Safety Data Sheet

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Revision Date: 17.10.2022 Version 2

TEKKİM

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Catalog No. TK.930072.00000
Product Name Ethylenediaminetetraacetic Acid (EDTA-2Na) Titriplex III
Cas no 6381-92-6

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use as a laboratory reagent.

1.2.2. Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Name TEKKİM KİMYA SAN. TİC. LTD. ŞTİ.
Street ORGANİZE SAN. BÖL. MAVİ CAD. 8. SOK. NO :1 NİLÜFER / BURSA
Telephone 0224 243 21 71
E-mail erhan@tekkim.com.tr
Company Representative Erhan DİLER

1.4 Emergency Telephone Number +90 506 990 36 86

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP)

Acute toxicity, By inhalation, Category 4

Specific Target Organ Toxicity – Repeated exposure, Inhalation, Category 2, Respiratory

Long (chronic) aquatic hazard, Category 3

For the full text of the H and EUH statements referred to in this section, see section 16.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

Hazard pictograms



Signal word (SEA)

WARNING

Hazard Statements (SEA)

H332 Harmful by inhalation.

H373 May cause damage to organs through prolonged or repeated exposure. (Respiratory Pipe)

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements (SEA)

Prevention

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

Intervention

P304+P340 IF INHALED: Move victim to fresh air and keep in a position comfortable for breathing.

P314 Get medical advice/attention if you feel unwell.

P501 Dispose of contents/container at an approved waste disposal facility.

SECTION 3: Composition/information on ingredients



Tekkim is accredited to
ISO 9001:2015 and ISO 14001:2015

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Classification according to Regulation (EC) No. 1272/2008 (CLP)

3.1 Maddeler

EC No	205-358-3
Molar mass	372.24 g/mol
Cas No	6381-92-6
Concentration	(<= 100 %)

SECTION 4: First aid measures

4.1 Description of first aid measures

General information	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Following inhalation	Remove casualty to fresh air and keep warm and at rest..
Following skin contact	Wash with plenty of water. Take off contaminated clothing.
Following eye contact	Rinse carefully and thoroughly with eye wash or water.
Following ingestion	Please give up to two glasses of water. Get immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water. Foam. Dry extinguishing powder. Carbon dioxide (CO2).

Unsuitable extinguishing media

There is no restriction for this item.

5.2 Special hazards arising from the substance or mixture

Flammable. Fire may cause evolution of: nitrogen oxides. In case of fire, dangerous flammable gases or vapors may develop.

5.3 Advice for firefighters

Special protective equipment for firefighters

Do not stay in dangerous zone without self-contained breathing apparatus. Keep a safe distance to cut off contact with skin and wear suitable protective clothing.

5.4 Additional information

Stop and contain spill/release if it can be done safely. If this cannot be done, allow fire to burn under control.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Don't breathe vapours, aerosols. Avoid substance contact. Keep away from head and source of ignition. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert..

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Close drainage channels. Take up with liquid-absorbent material. Clean the affected area. Avoid generation of dust..

6.4 Reference to other sections

Disposal: see section 13.

6.5 Additional information

Clear spills immediately.



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SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Advices on safe handling

Pay attention to the precautions on the label. Work with the title. Do not inhale the substance.

Advices on general occupational hygiene

Change contaminated clothing. Wash hands after working with substance. It is recommended to use a skin protection cream.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Keep container tightly closed in dry and well-ventilated places. Aluminum, tin or zinc containers should not be used.

7.3 Specific end uses

There are no other specific uses other than those mentioned in section 1.2.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

More attention should be paid to technical measures against the use of personal protective equipment.

Personal protection equipment

Eye/face protection

Safety glasses

Hand protection

Hand protection

Full contact

Glove material : Nitrile rubber

Glove thickness : 0,11 mm

Break through time : >480 minute

Splash contact

Glove material : Nitrile rubber

Glove thickness : 0,11 mm

Break through time : >480 minute

The protective gloves to be used must comply with the specifications of directive 89/686/EEC and the related standart EN374.

Other skin protection

Protective chlothing.

Respiratory protection

Required when dusts/aerosols/vapours are generated.

SECTION 9: Physical and chemical Properties

9.1 Information on basic physical and chemical properties



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Physical state	Solid
Colour	White
Odour	Odorless
Odour threshold	Not applicable.
pH value	No information.
Melting point/freezing point	No information.
Freezing point	No information.
Initial boiling point and boiling range	Not applicable.
Flash point	No information.
Evaporation rate	No information.
Flammability (solid, gas)	No information.
Upper/lower flammability or explosive limits	No information.
Upper/lower flammability or explosive limits	No information.
Vapour pressure	No information.
Vapour density	No information.
Density	No information.
Relative density	No information.
Water solubility (g/l)	No information.
Fat solubility (g/l)	No information.
Partition coefficient: n-octanol/water	No information.
Auto-ignition temperature	No information.
Decomposition temperature	255 °C
Viscosity	
Kinematic viscosity	No information.
Dynamic viscosity	No information.
Explosive properties	Not classified as explosive.
Oxidising properties	No information.

SECTION 10: Stability and Reactivity

10.1 Reactivity

Section 10.3 to see.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

LD50 Oral - Rat - male and female - 2,800 mg/kg
(OECD Test Guideline 401)

Acute respiratory toxicity

Estimated acute toxicity Inhalation - 1.6 mg/l

Specific Target Organ Toxicity – Repeated exposure

If inhaled - May cause damage to organs through prolonged or repeated exposure. - Breathing Tube

11.2 Additional information



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Handle in accordance with good industrial hygiene and safety practice.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish

LC50 - Lepomis macrochirus - 41 mg/l - 96 h

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Substance does not meet the criteria for PBT or vPvB.

12.6 Other adverse effects

Discharge into environment must be avoided.

SECTION 13: Disposal considerations

Waste treatment methods

It must be disposed of in accordance with national and local regulations. Do not mix with other products. Uncleaned Treat packages as if it were the product itself ... Waste materials must be disposed of in accordance with national and local regulations.

SECTION 14: Transport information

ADR	IMDG	IATA	ADN	RID
14.1 UN number				
--	--	--	--	--
14.2 UN proper shipping name				
It is not classified as dangerous goods.	It is not classified as dangerous goods.	It is not classified as dangerous goods.	It is not classified as dangerous goods.	It is not classified as dangerous goods.
14.3 Transport hazard class(es)				
--	--	--	--	--
				
14.4 Packing group				
--	--	--	--	--
14.5 Environmental hazards				
NO	NO	NO	NO	NO
No information available.	No information available.	No information available.	No information available.	No information available.

14.6 Special Precautions for User:

No information available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental legislation specific for the substance or mixture



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This product safety data sheet complies with the requirements of EU Regulation 1907/2006.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been conducted for this substance.

SECTION 16: Other informations

Full text of H statements

H332 Harmful by inhalation.

H373 May cause damage to organs through prolonged or repeated exposure. (Respiratory Pipe)

H412 Harmful to aquatic life with long lasting effects.

Person Who Prepared the Safety Data Sheet:

Name:

Erhan DİLER

Certificate Number and Date:

11.29.03 & 11 Şubat 2020

Communication information:

05069903686



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