

MATERIAL SAFETY DAT SHEET

ZOLAB DEIONIZED WATER

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

1.1. Product identifier

Product name Zolab Deionised Water
 Product number ADI-DIW-1,ADI-DIW-4

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

1.3. Details of the supplier of the safety data sheet

Supplier Ati Sazan Danesh Iranian
 Email Address: info@zolab.ir
 Phone number: 009821 2621 2600

1.4. Emergency telephone number

Emergency telephone 009821 2621 2600

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification
 Physical hazards
 Health hazards
 Environmental hazards
 This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

2.2. Label elements

Hazard statements Not Classified

2.3. Other hazards

SECTION 3: Composition/information on ingredients

Sample	Al	As	Ag	Ba	Be	Ca	Cd	Co
	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Fresh DI water	<0.001	0.038	0.004	<0.001	<0.001	<0.001	<0.001	<0.001

Sample	Cr	Cu	Fe	Hg	K	Li	Mn	Mo
	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Fresh DI water	<0.001	<0.001	<0.001	<0.001	0.226	<0.001	<0.001	0.002

Sample	Na	Ni	P	Pb	Sb	Se	Sn	Sr
	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
Fresh DI water	2.311	<0.001	0.033	0.01	<0.001	<0.001	<0.001	<0.001

Sample	Ti	V	Zn	Mg
	mg/l	mg/l	mg/l	mg/l
Fresh DI water	0.009	<0.001	<0.001	<0.001



SECTION 4: First aid measures

4.1. Description of first aid me.

Inhalation Move affected person to fresh air at once.
 Ingestion Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.
 Skin contact Rinse with water
 Eye contact Get medical attention if irritation persists after washing

4.2. Most important symptoms and effects, both acute and delayed

Inhalation May cause irritation

Ingestion	May cause irritation
Skin contact	May cause irritation
Eye contact	May cause irritation
4.3. Indication of any immediate medical attention and special treatment needed	
Notes for the doctor	Treat symptomatically.
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	The product is not flammable
5.2. Special hazards arising from the substance or mixture	
5.3. Advice for firefighters	
SECTION 6: Accidental release measures	
6.1. Personal precautions, protective equipment and emergency procedures	
Personal precautions	For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.
6.2. Environmental precautions	
Environmental precautions	The product is not expected to be hazardous to wastewater treatment processes.
6.3. Methods and material for containment and cleaning up	
Methods for cleaning up	Run to drain.
6.4. Reference to other sections	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Usage precautions	Read label before use.
7.2. Conditions for safe storage, including any incompatibilities	
Storage precautions	Store in tightly-closed, original container.
7.3. Specific end use(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
SECTION 8: Exposure Controls/personal protection	
8.1. Control parameters	
Occupational exposure limits	
8.2. Exposure controls	
Protective equipment	 
Eye/face protection	Wear eye protection.
Hand protection	For users with sensitive skin, it is recommended that suitable protective gloves are worn.
Respiratory protection	Respiratory protection not required
SECTION 9: Physical and Chemical Properties	
9.1. Information on basic physical and chemical properties	
Appearance	Clear liquid.
Colour	Colourless.
Odour	Odourless.
pH	pH (concentrated solution): 7.0
Relative density	1.000 @ 20°C

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Reacts violently with strong acids.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions The following materials may react with the product: Strong acids

10.4. Conditions to avoid

Conditions to avoid None known

10.5. Incompatible materials

Materials to avoid Water-reactive materials.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available

SECTION 12: Ecological Information

Ecotoxicity There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Packaging is recyclable.

SECTION 14: Transport information

General

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

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

National regulations

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16

EU legislation

December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by

Health & Safety Officer

Revision date

23-Sep-17

Revision

1