

SAFETY DATA SHEET

According to Regulation (EC) No 453/2010

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SDS -WTR-0001
Version 1.4
Revision Date: 23.02.2021
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Section 1: IDENTIFICATION OF SUBSTANCE/ MIXTURE AND OF THE COMPANY

1.1 Product identifier

Product name : **Water**
Included product code : WTR010-2.5, WTR010-4.0, DWTR011-2.5P,
DWTR011-3.8P, DWTR011-25P.

1.2 Relevant identified uses of the substance or mixture

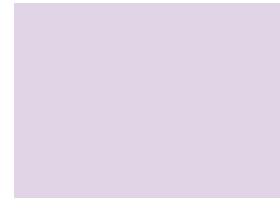
Identified uses : Laboratory chemicals, Manufacture of substances
Uses advised against : Not applicable

1.3 Details of the supplier of the safety data sheet

Company : Elite Advanced Materials Sdn Bhd
No 1, Jalan KPK1/2, Kawasan Perindustrian
Kundang, 48020 Rawang, Selangor, Malaysia
E-mail address : enquiry@eamaterials.com

1.4 Emergency telephone number

Emergency : +603-60343766 (Local business hours only)



Section 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

None.

2.2 Label elements

None.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

Synonyms : Water
 Formula : H₂O
 Molecular Weight : 18.02 g/mol
 CAS-No. : 7732-18-5

Hazardous components according to Regulation (EC) No 1272/2008

Component	Identity	Classification Code	H-Code	Concentration (by wt)
Water	CAS-No.: 7732-18-5	None	None	None

Section 4: FIRST AID MEASURES

4.1 Description of First Aid measures

General information

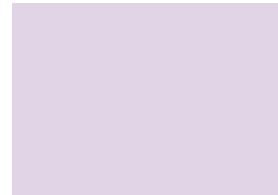
No hazards.

4.2 Most important symptoms and delayed symptoms and effects

See section 2.2 or section 11.

4.3 Indication of any immediate medical attention and special treatment

No data available.



Section 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

None.

5.2 Special hazards arising from the substance or mixture

Not combustible.

5.3 Advice for fire-fighters

None.

5.4 Further information

None.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For personal protection see section 8.

6.2 Environmental precautions

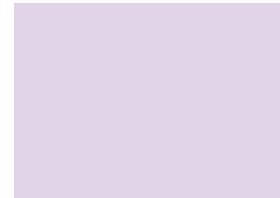
No special precautionary measures necessary.

6.3 Methods and material for containment and cleaning up

Pour into drain. See section 7 and 10.

6.4 Reference to other sections

For disposal see Section 13.



Section 7: HANDLING AND STORAGE

7.1 Precaution for safe handling

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

No special storage conditions required.
Store at +5°C to +30°C

7.3 Specific end use

No further relevant information available.

Section 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

None.

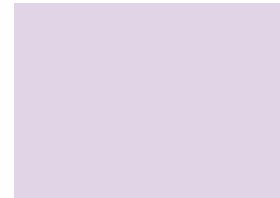
8.2 Exposure control

Not required.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	:	Liquid
Color	:	Colorless
Odor	:	No data available
Ordor threshold	:	No data available
pH - value	:	6.0 – 8.0 at 25°C
Melting point / Range	:	0.0°C
Boiling point / Range	:	100 °C at 1,013 hPa
Flash point	:	No data available
Evaporation rate	:	No data available
Explosion limit – LEL	:	No data available
Explosion limit - UEL	:	No data available



Vapour pressure	:	No data available
Vapor density (air = 1)	:	No data available
Density	:	1.000 g/cm ³ at 3.98 °C
Bulk density	:	Not determined
Solubility(ies)	:	Not determined
Water solubility	:	Completely miscible
Partition coefficient: n-octanol/water	:	log Pow: -0.467
Auto-ignition temperature	:	No data available
Decomposition temperature	:	Not determined
Viscosity	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available

(Merck, 2020; Ver 6.4)

9.2 Other information

No applicable.

Section 10 : STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature).

10.3 Possibility of hazardous reactions

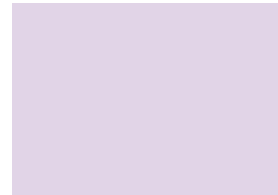
No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizing agents



10.6 Hazardous decomposition products

Other decomposition products - No data available

Section 11 : TOXICOLOGY INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral ->90000 mg/kg (Rat)

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

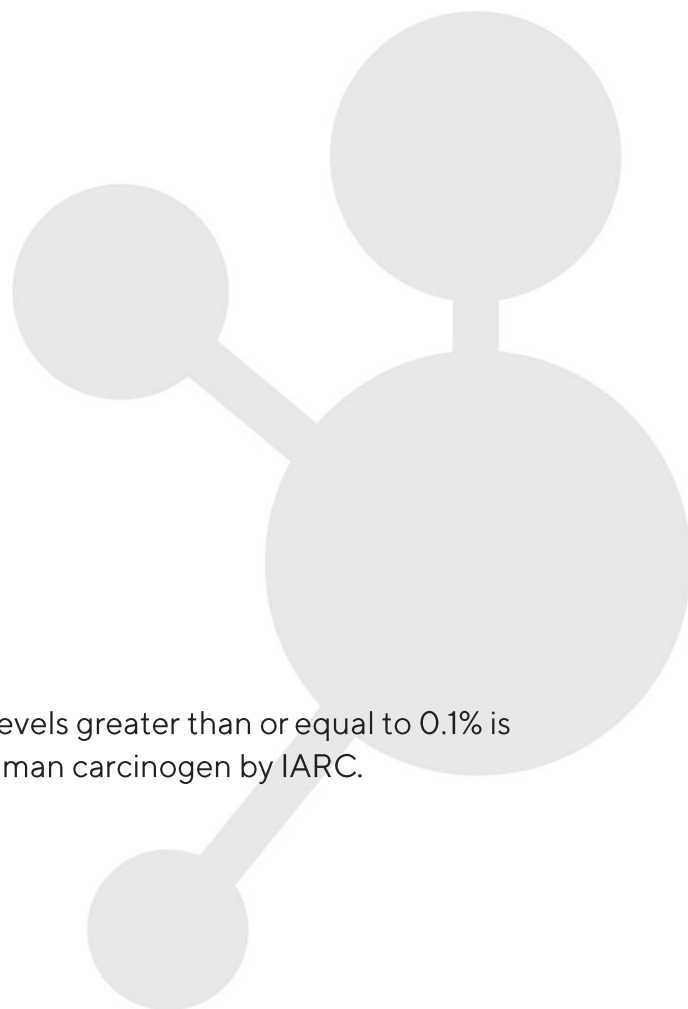
Reproductive toxicity

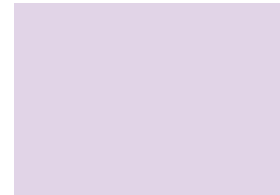
No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure





No data available.

Aspiration hazard

No data available

Additional Information

No data available

Section 12 : ECOLOGY INFORMATION

12.1 Ecotoxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Mobility in soil

No data available

12.4 Other adverse effects

No data available

12.5 Other adverse effects

No data available

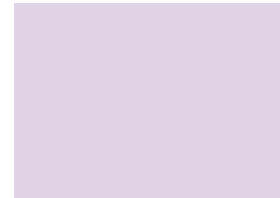
Section 13 : DISPOSAL CONSIDERATIONS

13.1 Waste treatment method

Product

Waste material must be disposed according to national and local regulations. No mixing with other waste.

According to Quality Environment Regulation (Scheduled Waste) 2005, waste need to be sent to designated premise for recycle, treatment or disposal. Offer surplus and non-recyclable solutions to a licensed disposal company.



Section 14 : TRANSPORT INFORMATION

14.1 UN number

ADR/RID: -	IMDG: -	IATA-DGR: -
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14.2 UN proper shipping name

ADR/RID:	Not dangerous goods
IMDG:	Not dangerous goods
IATA-DGR:	Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: -	IMDG: -	IATA-DGR: -
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14.4 Packaging group

ADR/RID: -	IMDG: -	IATA-DGR: -
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14.5 Environmental hazards

ADR/RID: no	IMDG Marine pollutant: no	IATA-DGR: no
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14.6 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

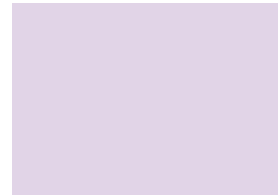
14.7 Special precautions for user

No data available

Section 15 : REGULATORY INFORMATION

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

No data available



Section 16 : OTHER INFORMATION

This information is based on present level of our knowledge, however, this shall not constitute a guarantee product features and shall not establish a legally valid contractual relationship.

Abbreviations:

ADR : European agreement concerning the international carriage of dangerous goods by road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association

ICAO : International Civil Aviation Organization

RID : Regulations concerning the International Carriage of Dangerous goods by rail.

Notice to reader

The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the products and should not be construed as any guarantee of technical performance or suitability for particular application.

The information contained in this Safety Data Sheet comes from sources believed to be accurate or otherwise technically correct. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. The users are advised to carry out their own evaluation of the material to determine suitability in their application. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.