

SAFETY DATA SHEET

According to Regulation (EC) No 453/2010

Version 1.2

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name : **Water**
Included product code : WTR010-2.5, WTR010-4.0

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
Lot 34, Jalan RP2, Rawang Perdana Industrial
Estate, 48000 Rawang, Selangor, Malaysia

E-mail address : enquiry@eamaterials.com

1.4 Emergency telephone number

Emergency phone : +60 3-6091 4200 (Local business hours only)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

Synonyms: Water

Formula: H₂O

Molecular Weight: 18.02 g/mol

CAS-No.: 7732-18-5

Component	Identity	Classification Code	H-Code	Concentration (by wt)
Water	CAS-No. : 7732-18-5 EC-No. : 231-791-2 Index-No. : -	None	None	<=100 %

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid measures

If not breathing give artificial respiration

4.2 Most important symptoms and delayed symptoms and effects

No data available

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

Substance is nonflammable; use agent most appropriate to extinguish surrounding fire

Unsuitable extinguishing media

No data available

5.2 Special hazards arising from the substance or mixture

Not combustible.

5.3 Advice for fire-fighters

No data available

5.4 Further information

The product itself does not burn.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

None

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Wipe up with absorbent material (e.g. cloth, fleece)

6.4 Reference to other sections

Information on waste treatment, see Section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precaution for safe handling

No data available

7.2 Conditions for safe storage, including any incompatibilities

Keep the container tightly closed

7.3 Specific end use

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure control

Personal protection measures, such as personal protective equipment

Handle in accordance with good industrial hygiene and safety practice.

Eye/ face protection

Not required.

Skin protection

Not required.

Body protection

Not required.

Respiratory protection

Not required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	:	Liquid
Color	:	colorless
Ordor	:	Odorless
Ordor threshold	:	Not determined
pH - value	:	neutral at 20 °C
Melting point / Range	:	0 °C
Boiling point / Range	:	100 °C at 1013 hPa
Flash point	:	Not applicable
Evaporation rate	:	No information available.
Flammability limit - LEL	:	Not applicable
Flammability limit - UEL	:	Not applicable
Vapour pressure	:	23 hPa at 20°C
Vapor density (air = 1)	:	0.804
Density	:	1.00 g/cm ³
Bulk density	:	Not determined
Solubility(ies)	:	Not determined

Water solubility	:	completely miscible
Partition coefficient: n-octanol/water:		No information available.
Auto-ignition temperature	:	No information available.
Decomposition temperature	:	Not determined
Viscosity	:	1 cP at 25°C
Explosive properties	:	Not Explosive
Oxidising properties	:	The substance or mixture is not classified as oxidizing.

9.2 Other information

Not 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

No data available

10.6 Hazardous decomposition products

No data available

SECTION 11: TOXICOLOGY INFORMATION

11.1 Information on toxicological effects

Acute toxicity

No data available

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 component 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

RTECS: ZC0110000

SECTION 12: ECOLOGY INFORMATION

12.1 Ecotoxicity

Not available

12.2 Persistence and degradability

Not available

12.3 Bioaccumulative potential

Not available

12.4 Mobility in soil

Not available

12.5 Other adverse effects

Not available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment method

Product

Take into account local regulations the product may be disposed of as waste water after neutralisation

Contaminated packaging

Dispose of as unused product

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

ADR/RID: -

IMDG: -

IATA-DGR: -

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: -

14.4 Packaging group

ADR/RID: -

IMDG: -

IATA-DGR: -

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA-DGR: no

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

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.

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