

Safety Data Sheet

According to 29 CFR 1910.1200 Appendix D; Regulation (EC) No 1907/2006; GHS Rev. 9, 2001

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

1.1 Product identifiers

Product name Steam Distilled Water: 1.00 a.w.
Product numbers 20866, 40749

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

Identified uses Verification/calibration standard for AQUALAB instruments.
Uses advised against Do not use for private purposes (household), professional use only.

1.3 Details of the supplier of the safety data sheet

Company Addium, Inc.
1300 NE Henley Court
Pullman, WA 99163 USA
Telephone +1 (509) 332-6000
Website aqualab.com

1.4 Emergency telephone

Emergency phone number +1 (509) 332-6000, 8-5 PST/PDT

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Not classified as a hazardous chemical or mixture.

2.2 Label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

2.3 Other hazards

Product fails to meet PBT or vPvB criteria.

Section 3: Composition/information on ingredients

3.1 Substances

Name of substance	Water
Molecular formula	H ₂ O
Molar mass	18.02 g/mol
CAS Number	7732-18-5
EC Number	231-791-2
REACH Number	None listed

3.2 Mixtures

Not applicable

Section 4: First aid measures

4.1 Description of first-aid measures

General advice	No special measures are necessary.
If inhaled	No hazard identified.
In case of skin contact	No hazard identified.
In case of eye contact	No hazard identified.
If swallowed	Rinse mouth. Call a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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4.3 Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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Section 5: Firefighting measures

5.1 Extinguishing media

The product itself does not burn.

5.2 Special hazards arising from the substance or mixture

No limitations on extinguishing agents identified.

5.3 Advice for firefighters

No special fire protection measures are necessary.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures are necessary.

6.2 Environmental precautions

Not required.

6.3 Methods and material for containment and cleaning up

Wipe up with absorbent material.

6.4 Reference to other sections

See Sections 2, 8, and 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Observe good industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Store at room temperature.

7.3 Specific end use(s)

Industrial and professional use only.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering Controls None required.

Personal Protective Equipment

Eye/face protection If there is a risk of splashing, use goggles with side shields.

Skin protection Use proper protective gloves and lab coat/apron.

Respiratory protection

Respiratory protection not required. For nuisance exposures, use respirators.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Colorless
Color	Colorless
Odor	Odorless
Melting point/freezing point	0 °C
Boiling point or initial boiling point and boiling range	100 °C
Flammability	Not applicable
Lower and upper explosion limit	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available
pH	7
Kinematic viscosity	No data available
Solubility	Complete in water
Partition coefficient n-octanol/water (log value)	No data available
Vapor pressure	23 hPa at 20 °C
Density and/or relative density	1 g/cm ³ at 20 °C
Relative vapor density	No data available
Particle characteristics	No data available

9.2 Other information

Molecular weight	18.02 (H ₂ O)
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Section 10: Stability and reactivity

10.1 Reactivity

Not reactive under normal conditions.

10.2 Chemical stability

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4 Conditions to avoid

None known based on information supplied.

10.5 Incompatible materials

None known based on information supplied.

10.6 Hazardous decomposition of products

None known based on information supplied.

Section 11: Toxicological information

11.1 Information on hazard classes

Acute toxicity	No additional information.
Skin corrosion/irritation	No additional information.
Serious eye damage/irritation	No additional information.
Respiratory or skin sensation	Classified as not sensitizing to skin.
Germ cell mutagenicity	Classified as not mutagenic.
Carcinogenicity	EH40 Not listed IARC Not listed NTP Not listed OSHA Not considered a carcinogen under OSHA ACGIH Not listed
Reproductive toxicity	Classified as not a reproductive toxin.
STOT-single exposure	Classified as not causing organ damage.
STOT-repeated exposure	Classified as not causing organ damage on repeat exposure.
Aspiration hazard	Water does not present an aspiration hazard.

11.2 Information on other hazards

Endocrine disrupting properties	No information available
Other information	No information available

Section 12: Ecological information

12.1 Toxicity

No additional information.

12.2 Persistence and degradability

Readily degradable in the environment.

12.3 Bioaccumulative potential

No additional information.

12.4 Mobility in soil

No additional information.

12.5 Results of PBT and vPvB assessment

PBT & vPvB assessment does not apply

12.6 Endocrine disrupting properties

No additional information.

12.7 Other adverse effects

No additional information.

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal should be in accordance with the principles of Duty of Care observing local and national regulations. Keep out of drains, sewers, ditches, and waterways. Triple rinse contaminated containers prior to disposal.

Section 14: Transport information

14.1 UN number or ID number

Not regulated

14.2 UN proper shipping name

Not regulated

14.3 Transport hazard class(es)

Not regulated

14.4 Packing group

Not regulated

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

No additional information

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

Section 15: Regulatory information

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

European Union

Directive 98/24/EC
Directive 2012/18/EU

Refer to this directive for general risks related to chemical agents at work.
Not assigned.

United States

TSCA	CAS# 7732-18-5 is listed in the TSCA inventory.
Health & Safety Reporting List	None of the chemicals are on the Health & Safety Reporting List.
Chemical Test Rules	None of the chemicals in this product are under Chemical Test Rules
Section 12b	None of the chemicals are listed under TSCA Section 12b.
TSCA Significant New Use Rules	None of the chemicals in this material have a SNUR under TSCA.
SARA Section 302 (RQ)	None of the chemicals in this material have an RQ.
SARA Section 302 (TPQ)	None of the chemicals in this product have a TPQ.
SARA Codes	None.
Section 313 Reportable Ingredients (40 CFR 372)	No chemicals are reportable under Section 313.
Clean Air Act	This material does not contain any hazardous air pollutants. This material does not contain any Class I Ozone-Depleting Substances. This material does not contain any Class II Ozone-Depleting Substances.
Clean Water Act	None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.
OSHA	PSHA does not consider any of the chemicals in this product highly hazardous.

State Regulations

CAS # 7647-14-5 and 7732-18-5 are not present on state lists from CA, PA, MN, MA, FL, or NJ.
California No Significant Risk Level: None of the chemicals in this product are listed.

Canada

DSL List CAS# 7732-18-5 is listed on Canada's Ingredient Disclosure List

15.2 Chemical safety assessment

A chemical safety assessment has not been completed for this material.

Section 16: Other information

Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists, United States
CAS	Chemical Abstracts Service, American Chemical Society
CFR	Code of Federal Regulations, United States
DSL	Domestic Substance List, Canada
EC	European Commission
EH40	Workplace exposure limits, United Kingdom
GHS	Globally Harmonized System of Classification and Labelling of Chemicals developed by the United Nations
H ₂ O	Water
IARC	International Agency for Research on Cancer, World Health Organization
NTP	National Toxicology Program, United States
OSHA	Occupational Health and Safety, United States
PBT	Persistent, Bioaccumulative, and Toxic
PST/PDT	Pacific Standard Time/Pacific Daily Time: Time zone information
REACH	Regulation on the Registration, Evaluation, Authorization, and Restriction of Chemicals, European Union
SARA	Superfund Amendments and Reauthorization Act, United States

STOT	Specific Target Organ Toxicity
TSCA	Toxic Substances Control Act, United States
vPvB	Very Persistent and Very Bioaccumulative

Information Sources

Product classified according to CHIP3 regulations (The Chemicals Hazard Information and Packaging for Supply Regulations 2002).

Notice

The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this data sheet is to the best of ADDIUM, Inc. knowledge correct at the time of publication. Customers should always satisfy for themselves that their product is entirely suitable for their purpose under their conditions of use and in compliance with current regulations. For any further information, please contact the supplier.