

Safety Data Sheet

HPLC Grade Water

SECTION 1: Identification

1.1 Product identifier

Product name	HPLC Grade Water
Product number	16301
Brand	CovaChem, LLC.
Substance name	WATER
CAS no.	7732-18-5

1.3 Recommended use of the chemical and restrictions on use

This compound is used as a solvent used in liquid chromatography and mass spectrometry applications.

1.4 Supplier's details

Name	CovaChem, LLC.
Address	6260 East Riverside Blvd Suite 119 Loves Park, IL 61111 United States

Telephone	815-315-1271
Fax	815-315-1272
email	info@covachem.com

1.5 Emergency phone number(s)

PERS Professional Emergency Response Service
Company Code 11814
1-800-633-8253 (U.S. & Canada)
1-801-629-0667 (International)

SECTION 2: Hazard identification

General hazard statement

Not a hazardous substance

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

None

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name	WATER
CAS no.	7732-18-5

Safety Data Sheet

HPLC Grade Water

Formula	H ₂ O
Molecular weight	18.02
Other names / synonyms	H ₂ O; HYDROGEN OXIDE; STEAM; ICE; WATER, DISTILLED; DIHYDROGEN OXIDE; WATER

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled Give artificial respiration if not breathing.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Base extinguishing procedures based on other components and surrounding environment.

5.2 Specific hazards arising from the chemical

Not available

5.3 Special protective actions for fire-fighters

None available

Further information

This product is not flammable and does not burn under ordinary conditions.

SECTION 6: Accidental release measures

6.2 Environmental precautions

Not available

6.3 Methods and materials for containment and cleaning up

Wipe with absorbent material and discard.

SECTION 7: Handling and storage

7.2 Conditions for safe storage, including any incompatibilities

Store at room temperature (+15 to +25 °C) away from materials that are moisture sensitive.

Specific end use(s)

LC/MS, HPLC, Liquid chromatography, Mass spectrometry

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls

For laboratory use only.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear safety glasses

Skin protection

Wear nitrile gloves.

Body protection

Safety Data Sheet

HPLC Grade Water

Wear laboratory apron and nitrile gloves, as appropriate.

Respiratory protection

No specific protection required.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid
Odor	none
Odor threshold	Data unavailable
pH	Data unavailable
Melting point/freezing point	0 °C
Initial boiling point and boiling range	100 °C
Flash point	Not applicable
Evaporation rate	Data unavailable
Flammability (solid, gas)	Data unavailable
Upper/lower flammability limits	Data unavailable
Vapor pressure	Data unavailable
Vapor density	Data unavailable
Relative density	1.000 g/cm ³ @ 4 C
Solubility(ies)	Data unavailable
Partition coefficient: n-octanol/water	Data unavailable
Auto-ignition temperature	Data unavailable
Decomposition temperature	Data unavailable
Viscosity	Data unavailable
Explosive properties	Data unavailable
Oxidizing properties	Data unavailable

SECTION 10: Stability and reactivity

10.1 Reactivity

Data unavailable

10.2 Chemical stability

Data unavailable

10.3 Possibility of hazardous reactions

Data unavailable

10.4 Conditions to avoid

Data unavailable

10.5 Incompatible materials

Data unavailable

10.6 Hazardous decomposition products

Water vapor forms in fire conditions

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Data unavailable

Safety Data Sheet

HPLC Grade Water

Skin corrosion/irritation

Data unavailable

Serious eye damage/irritation

Data unavailable

Respiratory or skin sensitization

Data unavailable

Germ cell mutagenicity

Data unavailable

Carcinogenicity

No component of this product is identified as a carcinogen or potential carcinogen by OSHA, IARC, NTP or ACGIH.

Reproductive toxicity

Data unavailable

Summary of evaluation of the CMR properties

Data unavailable

STOT-single exposure

Data unavailable

STOT-repeated exposure

Data unavailable

Aspiration hazard

Data unavailable

SECTION 12: Ecological information

Toxicity

Data unavailable

Persistence and degradability

Data unavailable

Bioaccumulative potential

Data unavailable

Mobility in soil

Data unavailable

Results of PBT and vPvB assessment

Data unavailable

SECTION 13: Disposal considerations

Disposal of the product

Generation of waste should be kept to a minimum when possible. Any waste generated should be recycled when possible. Please dispose any unused or used materials in accordance with applicable national, regional and local laws and regulations.

Disposal of contaminated packaging

Dispose of in the same way as disposing of unused product.

Safety Data Sheet

HPLC Grade Water

SECTION 14: Transport information

DOT (US)

Not dangerous goods.

IMDG

Not dangerous goods.

IATA

Not dangerous goods.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No component in this product is subject to the reporting requirements of SARA, Title III, Section 302

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

California Prop. 65 Components

This material does not contain any chemicals known to the state of California to cause reproductive harm or birth defects.

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act

Australian Inventory of Chemical Substances (AICS)

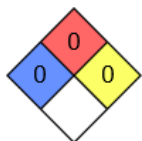
Not Determined

15.2 Chemical Safety Assessment

The customer shall determine the appropriate level of personal protective equipment to use.

HMIS Rating

WATER	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating

SECTION 16: Other information

16.1 Further information/disclaimer

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