

Water, HPLC

sc-360260



The Power is Question

Material Safety Data Sheet

Hazard Alert Code
Key:

EXTREME

HIGH

MODERATE

LOW

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

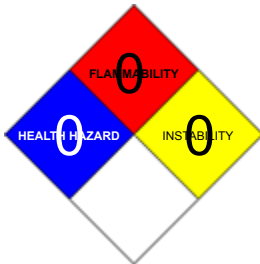
PRODUCT NAME

Water, HPLC

STATEMENT OF HAZARDOUS NATURE

Not considered a hazardous substance according to OSHA 29 CFR 1910.1200.

NFPA



SUPPLIER

Santa Cruz Biotechnology, Inc.
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EMERGENCY

ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255
(1-800-CHEMCALL) or call +613 9573 3112

SYNONYMS

"dihydrogen oxide", H₂O, "distilled water", aqua, "1W001; 1W020; 1W021", "Deionized Water", "GSB Distilled Water", "GFS Contract Lab Program AA/ICP Water Reagent Matrix Blank Standard"

Section 2 - HAZARDS IDENTIFICATION

CHEMWATCH HAZARD RATINGS

	Min	Max
Flammability	0 ■	
Toxicity	0 ■	
Body Contact	0 ■	Min/Nil=0
Reactivity	0 ■	Low=1
Chronic	0 ■	Moderate=2
		High=3
		Extreme=4

CANADIAN WHMIS SYMBOLS

None

**EMERGENCY OVERVIEW
RISK**

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

SWALLOWED

-
- Generally not applicable.

EYE

-
- Generally not applicable.

SKIN

-
- Generally not applicable.

INHALED

- Not normally a hazard due to non-volatile nature of product.
- The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models).
Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

CHRONIC HEALTH EFFECTS

- Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.
Prolonged skin contact may cause skin reactions and susceptibility to skin infections.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
Water, HPLC	7732-18-5	100

Section 4 - FIRST AID MEASURES

SWALLOWED

- Generally not applicable.

EYE

- Generally not applicable.

SKIN

- Generally not applicable.

INHALED

- If fumes, aerosols or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.

NOTES TO PHYSICIAN

- Treat symptomatically.

Section 5 - FIRE FIGHTING MEASURES

Vapor Pressure (mmHg)	17.476 @ 20 degC.
Upper Explosive Limit (%)	Not applicable

Specific Gravity (water=1)	1.000 @ 3.9 degC
Lower Explosive Limit (%)	Not applicable

EXTINGUISHING MEDIA

- Use extinguishing media suitable for surrounding area.

FIRE FIGHTING

- Generally not applicable.

GENERAL FIRE HAZARDS/HAZARDOUS COMBUSTIBLE PRODUCTS

- Generally not applicable.

FIRE INCOMPATIBILITY

None known.

Section 6 - ACCIDENTAL RELEASE MEASURES

MINOR SPILLS

Clean up all spills immediately.

MAJOR SPILLS

Clean up all spills immediately.

Section 7 - HANDLING AND STORAGE

PROCEDURE FOR HANDLING

- Generally not applicable.
- Avoid prolonged skin contact.

RECOMMENDED STORAGE METHODS

- Polyethylene or polypropylene container.
- Packing as recommended by manufacturer.
- Check all containers are clearly labelled and free from leaks.

STORAGE REQUIREMENTS

- Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry, well-ventilated area.
- Store away from incompatible materials and foodstuff containers.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS

The following materials had no OELs on our records

- water CAS7732-18-5

PERSONAL PROTECTION



EYE

- Generally not applicable.

HANDS/FEET

Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include

- frequency and duration of contact,
- chemical resistance of glove material,
- glove thickness and
- dexterity

Wear general protective gloves, eg. light weight rubber gloves.

OTHER

No special equipment needed when handling small quantities.

OTHERWISE

- Overalls.
- Barrier cream.
- Eyewash unit.

ENGINEERING CONTROLS

- Generally not applicable.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL PROPERTIES

Liquid.

Mixes with water.

State	Liquid	Molecular Weight	18.0
Melting Range (°F)	32	Viscosity	Not available
Boiling Range (°F)	212	Solubility in water (g/L)	Mixes
Flash Point (°F)	Not Applicable	pH (1% solution)	7
Decomposition Temp (°F)	Not applicable	pH (as supplied)	7
Autoignition Temp (°F)	Not applicable	Vapor Pressure (mmHg)	17.476 @ 20 degC.
Upper Explosive Limit (%)	Not applicable	Specific Gravity (water=1)	1.000 @ 3.9 degC
Lower Explosive Limit (%)	Not applicable	Relative Vapour Density (air=1)	>1
Volatile Component (%vol)	100	Evaporation Rate	Slow

APPEARANCE

Odorless and tasteless liquid. Polar liquid. Allotropic forms are ice and steam. Viscosity @ 20 deg. C. is 0.01002 poise.

Section 10 - CHEMICAL STABILITY

CONDITIONS CONTRIBUTING TO INSTABILITY

- Presence of incompatible materials.
- Product is considered stable.
- Hazardous polymerisation will not occur.

STORAGE INCOMPATIBILITY

‡ None known.

For incompatible materials - refer to Section 7 - Handling and Storage.

Section 11 - TOXICOLOGICAL INFORMATION

water

TOXICITY AND IRRITATION

- No significant acute toxicological data identified in literature search.

Section 12 - ECOLOGICAL INFORMATION

No data

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Instructions

All waste must be handled in accordance with local, state and federal regulations.

- Generally not applicable.

Section 14 - TRANSPORTATION INFORMATION

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: DOT, IATA, IMDG

Section 15 - REGULATORY INFORMATION

water (CAS: 7732-18-5) is found on the following regulatory lists;

"Canada Toxicological Index Service - Workplace Hazardous Materials Information System - WHMIS (English)", "IMO IBC Code Chapter 18: List of products to which the Code does not apply", "International Fragrance Association (IFRA) Survey: Transparency List", "OSPAR National List of Candidates for Substitution – Norway", "US - Pennsylvania - Hazardous Substance List", "US DOE Temporary Emergency Exposure Limits (TEELs)", "US FMA Air Freshener Fragrance Ingredient Survey Results", "US NFPA 30B Manufacture and Storage of Aerosol Products - Chemical Heat of Combustion", "US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory", "US TSCA Section 8 (a) Inventory Update Rule (IUR) - Partial Exemptions"

Section 16 - OTHER INFORMATION

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■ Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references. A list of reference resources used to assist the committee may be found at:
www.chemwatch.net/references.

■ The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

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