

SAFETY DATA SHEET



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WATER

SDS No. M0215

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Water

Synonyms: HPLC Water, Demineralized water

Recommended Use: This product is recommended for laboratory and manufacturing use only. It is not recommended for drug, food or household use.

2. HAZARDS IDENTIFICATION

EXPECTED TO BE NON-HAZARDOUS. TARGET ORGANS: NONE. No hazard expected in normal industrial use.

HMS Rating: Health – 0 Flammability – 0 Physical Hazard – 0 PPE – User supplied

3. COMPOSITION AND INFORMATION ON INGREDIENTS

| <u>Ingredient</u> | <u>CAS No</u> | <u>Percent</u> | <u>Hazardous</u> |
|-------------------|---------------|----------------|------------------|
| Water | 7732-18-5 | 100% | No |

4. FIRST-AID MEASURES: No specific treatment is necessary since this material is expected to be non-hazardous.

5. FIRE FIGHTING MEASURES: Will not burn.

National Fire Protective Association: Health - 0, Flammability - 0, Reactivity - 0

6. ACCIDENTAL RELEASE MEASURES: No special handling and storage procedures are required.

7. HANDLING AND STORAGE: No special handling and storage procedures are required.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION: No controls required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State and Appearance: Clear, colorless liquid.

Molecular Weight: 18.02

Boiling Point: 100° C @ 760 mm Hg

Freezing/Melting Point: 0° C @ 760 mm Hg.

Specific Gravity: 1.00 g/cm³

Vapor Pressure: 17.5 mm Hg @ 20° C.

Viscosity: 1 cP 20° C

Conductivity: Conductive; Conductivity = 4.3x10⁶ pS/m; Dielectric Constant = 80.4; Relaxation Time Constant = 1.7x10⁻⁴ seconds

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility With Various Substances: None

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation, skin absorption, skin contact

Animal Toxicity (RTECS): Oral, rat: LD50 = >90 mL/kg;

Carcinogenicity: Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65

12. ECOLOGICAL INFORMATION: No information available.

13. DISPOSAL CONSIDERATIONS: Not regulated for disposal.

14. TRANSPORT INFORMATION: Not regulated for transportation.

15. REGULATORY INFORMATION

US Federal Regulations: Not regulated.

US State Regulations: Not regulated.

Canada:

DSL/NDSL: CAS# 7732-18-5 is listed on Canada's DSL list.

WHMIS: This product has a WHMIS classification of Not Controlled

DSC (EEC):

No Hazard Symbols, Risk Phrases, or Safety Phrases:

WGK (Water Danger/protection): CAS# 7732-18-5

16. OTHER INFORMATION

Originally Prepared: 1/1/2006

Last Revised: 04/26/2018 – Reviewed, Formatting and typographical changes made.

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