



MATERIAL SAFETY DATA SHEET

Revised Edition No:
1.0/2020

Water, Deionized, ACS Reagent Grade,
ASTM Type I to IV

Date: 1/4/2020

Water, Deionized, ACS Reagent Grade, ASTM Type I to IV



HMIS	
Health Hazard	0
Fire Hazard	0
Reactivity	0

NEW GHS	
1	Severe Hazard
2	Serious Hazard
3	Moderate Hazard
4	Slight Hazard
5	Minimal Hazard

Section 1: Chemical Product and Company Identification

Product Name: Water, Deionized

Catalog Codes: SLW1015

CAS#: 7732-18-5

RTECS: ZC0110000

TSCA: TSCA 8(b) inventory: Water

CI#: Not available.

Synonym: Dihydrogen oxide

Chemical Name: Water

Chemical Formula: H₂O

Contact Information:

Volker Products and Services Private Limited

130 Samyak Business Center, Plot No. P-17, Shendra Five Star MIDC, Aurangabad-431154

International Sales: +91 9175959549

For non-emergency assistance, call: +91 9175959549

Section 2: Composition and Information on Ingredients

Composition:

Name CAS # % by Weight

Water 7732-18-5 100 **Toxicological Data on Ingredients:** Not applicable.

Section 3: Hazards Identification

Potential Acute Health Effects:

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-irritating to the eyes. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs. Non-corrosive to the eyes. Non-corrosive for lungs.

Potential Chronic Health Effects:

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-irritating to the eyes. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs.
CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.



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Section 4: Fire and Measures

Eye Contact: Not applicable

Skin Contact: Not applicable. **Serious Skin Contact:** Not available. **Inhalation:** Not applicable.

Serious Inhalation: Not available. **Ingestion:** Not Applicable

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Non-flammable. **Auto-Ignition Temperature:** Not applicable. **Flash Points:** Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable. **Explosion Hazards in Presence of Various Substances:** Not Applicable **Fire Fighting Media and Instructions:** Not applicable.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. **Large Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Section 7: Handling and Storage

Precautions: No specific safety phrase has been found applicable for this product. **Storage:** Not applicable.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Not Applicable

Personal Protection: Safety glasses. Lab coat.

Personal Protection in Case of a Large Spill: Not Applicable **Exposure Limits:** Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid

Odor: Odorless.

Taste: Not available.

Molecular Weight: 18.02 g/mole **Color:** Colorless.


pH (1% soln/water): 7 [Neutral.] **Boiling Point:** 100°C (212°F)

Melting Point: Not available.

Critical Temperature: Not available. **Specific Gravity:** 1 (Water = 1)

Vapor Pressure: 2.3 kPa (@ 20°C) **Vapor Density:** 0.62 (Air = 1) **Volatility:** Not available.

Odor Threshold: Not available. **Water/Oil Dist. Coeff.:** Not available. **Ionicity (in Water):** Not available. **Dispersion Properties:** Not applicable **Solubility:** Not Applicable

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Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Not available. **Corrosivity:** Not available.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available. **Polymerization:** Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Eye contact. **Toxicity to Animals:**

LD50: [Rat] - Route: oral; Dose: > 90 ml/kg LC50: Not available. **Chronic Effects on Humans:** Not available.

Other Toxic Effects on Humans:

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs. Non-corrosive to the eyes. Non-corrosive for lungs.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available. **Special Remarks on other Toxic Effects on Humans:** Not available.

Section 12: Ecological Information

Ecotoxicity: Not available. **BOD5 and COD:** Not available.

Products of Biodegradation:

Possibly hazardous short-term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.


Section 13: Disposal Considerations

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States). **Identification:** Not applicable.

Special Provisions for Transport: Not applicable.

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Section 15: Other Regulatory Information

Federal and State Regulations: TSCA 8(b) inventory: Water

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC):

This product is not classified according to the EU regulations. Not applicable.

HMIS (U.S.A.):

Health Hazard: 0

Fire Hazard: 0 **Reactivity:** 0

Personal Protection: a

National Fire Protection Association (U.S.A.): Health: 0

Flammability: 0 **Reactivity:** 0 **Specific hazard:**

Protective Equipment:

Not applicable. Lab coat. Not applicable. Safety glasses.

Section 16: Additional Information

MSDS Creation Date: 1/04/2020 (ddmmyy)

Revision #16 Date: 1.0/2020

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Contact: India

Maharashtra

Volker Products and Services Private Limited

130 Samyak Business Center, Plot No. P-17, Shendra Five Star MIDC,

Aurangabad-431154

Mobile: +91 9175959549

Emergency Mobile: +91 9175959549

Website: www.ivolker.com email: info@ivolker.com