



Health	0
Fire	0
Reactivity	0
Personal Protection	A

MATERIAL SAFETY DATA SHEET

Water, Deionized MSDS

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Water, Deionized

SYNONYMS: Dihydrogen oxide

PRODUCT CODES: HMK15

MANUFACTURER: Vaisala Oyj

ADDRESS: Vanha Nurmijärventie 21, 01670, Vantaa, Finland

CHEMICAL NAME: Water

CHEMICAL FORMULA: H₂O

PRODUCT USE: Measurement device calibration.

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Water

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>
7732-18-5	100	100

Toxicological Data on Ingredients: Not applicable.

SECTION 3: HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

EYES: Not applicable.

SKIN: Not applicable.

INGESTION: Not applicable.

INHALATION: Not applicable.

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ACUTE HEALTH HAZARDS:

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

CHRONIC HEALTH HAZARDS: 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.

SECTION 4: FIRST AID MEASURES

EYES: Not applicable

SKIN: Not applicable

INGESTION: Not applicable

INHALATION: Not applicable

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Not applicable

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: Non-flammable

FLASH POINT: Not applicable

FLAMMABLE LIMITS: Not applicable

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 applicable

SPECIAL REMARKS ON EXPLOSION HAZARDS: Not applicable

SECTION 6: ACCIDENTAL RELEASE MEASURES

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.

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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No specific safety phrase has been found applicable for this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Not applicable.

PERSONAL PROTECTION: Safety glasses, lab coat.

EXPOSURE LIMITS: Not available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE AND APPEARANCE: Liquid.

ODOR: Odorless.

pH AS SUPPLIED: 7 (Neutral)

BOILING POINT: 100 Degrees Celsius

MELTING POINT: Not available.

VAPOR PRESSURE (kPa at 20°C): 2.3 kPa

VAPOR DENSITY (AIR = 1): 0.62

SPECIFIC GRAVITY (H₂O = 1): 1

ODOR THRESHOLD: Not available.

SOLUBILITY: Not available.

PERCENT VOLATILE: Not available.

MOLECULAR WEIGHT: 18.02 g/mol

SECTION 10: STABILITY AND REACTIVITY

STABILITY: The product is stable.

CONDITIONS TO AVOID (STABILITY): Not available.

INCOMPATIBILITY (MATERIAL TO AVOID): Not available.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Not available.

HAZARDOUS POLYMERIZATION: Will not occur.

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SECTION 11: TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Absorbed through skin. Eye contact.

TOXICOLOGICAL INFORMATION: LD50: [Rat] - Route: oral; Dose: > 90 ml/kg LC50: Not available.

OTHER TOXIC EFFECT 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. Noncorrosive for lungs.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: 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 PROVISION FOR TRANSPORT: Not applicable.

SECTION 15: 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

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SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Not available.

CREATED: 2014/10/24

LAST UPDATE: -

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