



A Division of Appropriate Chemical International Ltd.

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## MATERIAL SAFETY DATA SHEET

**PRODUCT NAME: Deionized Water**

**DE200-00**

### SECTION 01: PRODUCT INFORMATION AND COMPANY INFORMATION

**MANUFACTURER:** Same as above  
**PREPARED BY:** Production Department  
**VERSION DATE:** 24-Jan-14  
**TELEPHONE NO.:** (519) 451-1614  
**EMERGENCY PHONE NO.:** (613) 996-6666  
**CHEMICAL FAMILY:** Not Available      **CHEMICAL FORMULA:** H<sub>2</sub>O  
**MOLECULAR WEIGHT:** Not Applicable      **MATERIAL USE:** Various  
**SYNONYMS:**

### SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients	Conc. Approx. %	C.A.S. #	LD/50 (RTE/SPEC)	LC/50 (RTE/SPEC)	TLV
Water	100	7732-18-5	>90 mL/kg (Rat/Oral)	N.Av.	N.Av.

### SECTION 03: HAZARD IDENTIFICATION

#### ROUTE OF ENTRY

**Eyes:** Non-irritating to the eyes.  
**Skin:** Non-irritating to the skin.  
**Inhalation:** No hazard expected in normal industrial use.  
**Ingestion:** No hazard expected in normal industrial use.

### SECTION 04: FIRSTAID

**Skin Contact:** Get medical aid if irritation develops or persists.  
**Eye Contact:** If irritation develops, get medical aid.  
**Inhalation, Acute:** Get medical aid if cough or other symptoms occur.  
**Ingestion:** Get medical aid if irritation or symptoms occur.

**Notes to physician:** N.Av.

### SECTION 05: FIRE EXPLOSION HAZARD AND FIRE FIGHTING MEASURES

**FLAMMABLE?** No  
**IF YES, UNDER WHICH CONDITIONS?** This material will not burn.  
**FLASH POINT (TCC) (C):** N. App.  
**FLAMMABLE LIMITS:** **LEL(% BY VOL.):** N. App.      **UEL(% BY VOL):** N. App.  
**AUTO IGNITION TEMPERATURE (C)** N. App.  
**EXTINGUISHING MEDIA** N. App.

**SPECIAL PROCEDURES:** N. App.  
**HAZARDOUS COMBUSTION PRODUCTS:** N. App.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS** N. App.  
**SENSITIVITY TO STATIC DISCHARGE** N. App.  
**SENSITIVITY TO MECHANICAL IMPACT:** N. App.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

**Leak and Spill Procedure:** No risk, absorb with an inert material if necessary.

**SECTION 07: HANDLING AND STORAGE**

**Handling Procedures and Storage Requirements**

No special handling or storage required.

**SECTION 08: PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS**

**GLOVES/TYPE:** Not normally required.  
**RESPIRATOR/TYPE:** Not Normally required.  
**EYE/TYPE:** Not normally required.  
**OTHER/TYPE:** N. Av.  
**ENGINEERING CONTROL** Not normally required.

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIE**

<b>PHYSICAL STATE/APPEARANCE:</b>	Liquid		
<b>ODOUR:</b>	None	<b>ODOUR THRESHOLD:</b>	N. Av.
<b>VAPOUR PRESSURE (mm Hg @ 20C):</b>	N. Av.	<b>VAPOUR DENSITY (Air=1):</b>	0.694
<b>EVAPORATION RATE (Ether = 1):</b>	>1	<b>SPECIFIC GRAVITY:</b>	1.00
<b>BOILING POINT (C):</b>	100	<b>FREEZING POINT (C)</b>	0
<b>Ph (% SOLUTION):</b>	7.0	<b>% VOLATILE (WT):</b>	N. Av.
<b>SOLUBILITY IN WATER (% W/W)</b>	Water		

**SECTION 10: STABILITY AND REACTIVITY**

**CHEMICALLY STABLE?** Yes

**IF NO, UNDER WHICH CONDITIONS?** N. App.

**INCOMPATIBILITY WITH OTHER SUBSTANCES** Yes

**IF YES, WITH WHICH ONES:** Strong acids, strong bases, water reqctive substances (e.g. acetic anhydride, alkyl aluminum chloride, calcium carbide, ethyl dichlorosilane).

**SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS** N. Av.

**HAZARDOUS DECOMPOSITION PRODUCTS:** N. App.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**EXPOSURE LIMIT OF MATERIAL** N. Av.  
**LC 50 OF MATERIAL, SPECIES AND ROUTE** >90 mL/kg (Rat/Oral)  
**LD 50 OF MATERIAL, SPECIES AND ROUTE** N. Av.  
**CARCINOGENICITY OF MATERIAL** N. Av.  
**REPRODUCTIVE EFFECTS:** N. Av.  
**IRRITANCY OF MATERIAL** N. Av.  
**SENSITIZING CAPABILITY OF MATERIAL** N. Av.  
**SYNERGISTIC MATERIALS** N. Av.

**SECTION 12: ECOLOGICAL INFORMATION**

**AQUATIC TOXICITY** N. App.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Dispose down drain, pursuant to federal, provincial and municipal regulations.

**SECTION 14: TRANSPORT INFORMATION**

**TDG CLASSIFICATION** Class , Not Regulated

**UN NUMBER:**

**PACKING GROUP:**

**Special Provisions for Transport**

**SECTION 15: REGULATORY INFORMATION**

**WHMIS CLASSIFICATION** None

**SECTION 16: OTHER INFORMATION**

**ABBREVIATIONS USED:** N.Av. = Not Available  
N.App. / N.Ap. = Not Applicable

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**SOURCES:** Supplier MSDS

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