

# RANKEM

RFCL LIMITED  
QUALITY ASSURANCE DEPARTMENT

RESTRICTED CIRCULATION  
FOR AUTHORISED USE ONLY

## MATERIAL SAFETY DATA SHEET

CHEMICAL NAME	WATER (HPLC)
CAS No.: [7732-18-5]	Version : 0

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### 1. General Information

**Catalogue Numbers:**

Rankem: W0020; W0025; W0021; W0030

**Company Address:**

RFCL Ltd.  
A-3, Okhla Industrial Area  
Phase – I, Okhla  
New Delhi – 110020

**Company Phone Number:**

91-11-42395700

### 2. Composition Ingredients

Ingredient	CAS No	Percent	Hazardous
Water	7732-18-5	100%	No

### 3. Hazards Identification

**Emergency Overview**

Not applicable.

**SAF-T-DATA<sup>(tm)</sup>** Ratings (Provided here for your convenience)

Health Rating: 0 - None  
Flammability Rating: 0 - None  
Reactivity Rating: 1 - Slight  
Contact Rating: 0 - None  
Lab Protective Equip: GOGGLES; LAB COAT  
Storage Color Code: Green (General Storage)

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### Potential Health Effects

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Water is non-hazardous.

**Inhalation:**

Not applicable.

**Ingestion:**

Not applicable.

**Skin Contact:**

Not applicable.

**Eye Contact:**

Not applicable.

**Chronic Exposure:**

Not applicable.

**Aggravation of Pre-existing Conditions:**

Not applicable.

### 4. First Aid Measures

**Eye:**

No information found.

**Skin:**

No information found.

**Ingestion:**

No information found.

**Inhalation:**

No information found.

### 5. Fire Fighting Measures

**Fire:**

Not applicable.

**Explosion:**

Not applicable.

**Fire Extinguishing Media:**

Use extinguishing media appropriate for surrounding fire.

**Special Information:**

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode

### 6. Accidental Release Measures

Non-hazardous material. Clean up of spills requires no special equipment or procedures.

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### 7. Handling and Storage

Keep container tightly closed. Suitable for any general chemical storage area. Protect from freezing. Water is considered a non-regulated product, but may react vigorously with some specific materials. Avoid contact with all materials until investigation shows substance is compatible.

### 8. Exposure Controls, Personal Protection

**Airborne Exposure Limits:**

Not applicable.

**Ventilation System:**

Not applicable.

**Personal Respirators (NIOSH Approved):**

Not applicable.

**Skin Protection:**

None required.

**Eye Protection:**

None required

### 9. Physical and Chemical Properties

Appearance	:	Clear, colorless liquid.
Odor	:	Odorless.
Solubility	:	Complete (100%)
Specific Gravity	:	1
pH	:	7
% Volatiles by volume @ 21C (70F)	:	100
Boiling Point	:	100C (212F)
Melting Point	:	0C (32F)
Vapor Density (Air=1)	:	Not applicable
Vapor Pressure (mm Hg)	:	17.5 @ 20C (68F)
Evaporation Rate (BuAc=1)	:	No information found.

### 10. Stability and Reactivity

**Stability:**

Stable under ordinary conditions of use and storage.

**Hazardous Decomposition Products:**

Not applicable.

**Hazardous Polymerization:**

Will not occur.

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**Incompatibilities:**

Strong reducing agents, acid chlorides, phosphorus trichloride, phosphorus pentachloride, phosphorus oxychloride.

**Conditions to Avoid:**

No information found.

### 11. Toxicological Information

For Water: LD50 Oral Rat: >90 ml/Kg. Investigated as a mutagen.

-----\Cancer Lists\-----

---NTP Carcinogen---

Ingredient -----	Known ---	Anticipated -----	IARC Category -----
Water (7732-18-5)	No	No	None

### 12. Ecological Information

**Environmental Fate:**

Not applicable.

**Environmental Toxicity:**

Not applicable.

### 13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be flushed to sewer. If material becomes contaminated during use, dispose of accordingly. Dispose of container and unused contents in accordance with federal, state and local requirements.

### 14. Transport Information

Not regulated.

### 15. Regulatory Information

-----\Chemical Inventory Status - Part 1\-----

Ingredient -----	TSCA ---	EC ---	Japan ---	Australia -----
Water (7732-18-5)	Yes	Yes	Yes	Yes

-----\Chemical Inventory Status - Part 2\-----

--Canada--

Ingredient -----	Korea ----	DSL ---	NDSL ---	Phil. -----
Water (7732-18-5)	Yes	Yes	No	Yes

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## MATERIAL SAFETY DATA SHEET

**PRODUCT : WATER (HPLC)**

-----\Federal, State & International Regulations - Part 1\-----  
 -SARA 302- -----SARA 313-----

Ingredient -----	RQ ---	TPQ ----	List ----	Chemical Catg. -----
Water (7732-18-5)	No	No	No	No

-----\Federal, State & International Regulations - Part 2\-----  
 -RCRA- -TSCA-

Ingredient -----	CERCLA -----	261.33 -----	8(d) -----
Water (7732-18-5)	No	No	No

Chemical Weapons Convention: No    TSCA 12(b): No    CDTA: No  
 SARA 311/312: Acute: No    Chronic: No    Fire: No    Pressure: No  
 Reactivity: No    (Pure / Liquid)

**Australian Hazchem Code:** None allocated.

**Poison Schedule:** None allocated.

### 16. Other Information

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.*

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