

# MATERIAL SAFETY DATA SHEET (MSDS)

**Product:** BlueWello Active RO Antiscalant

## 1. PRODUCT AND COMPANY IDENTIFICATION

- **Product Name:** BlueWello Active RO Antiscalant
- **Application:** Ideal for use in Industrial and Commercial RO plants.
- **Manufacturer:** BlueWello
- **Address:** Gala No. 1, Mhatre Compound, Sonarpada, Dombivli East, Thane, Maharashtra - 421203.
- **Contact:** +91 8928483369 | customercare@bluewello.com

## 2. HAZARDS IDENTIFICATION

### SPECIAL INDICATION OF HAZARDS TO HUMANS AND THE ENVIRONMENT

- **Skin:** Corrosive to the skin, Causes burns
- **Eyes:** Corrosive to eyes, Causes burns.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Substance(s)   | CAS NO     |
|--------------------------|------------|
| HEDP (60%)               | 2809-21-4  |
| Acrylic & AMPS Copolymer | 40623-75-4 |
| Polymeric Acid           | 26099-09-2 |
| Caustic soda (48%)       | 1310-73-2  |

EG/EC No.: None

**Molecular formula:** Formulation of above components with water.

### Office & Works

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Contact - +91-9892668468, +91-9867063709

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#### 4. FIRST AID MEASURES

- **After Inhalation:** N/A
  - **After Skin Contact:** In case of contact, immediately wash skin with soap and copious amounts of water.
  - **After Eye Contact:** In case of contact with eyes, immediately flush eyes with copious amounts of water for at least 15minute and seek medical help.
  - **After Ingestion:** If swallowed, wash out mouth with water provided person is conscious. Call a physician.
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#### 5. FIRE FIGHTING MEASURES

- **Extinguishing Media:** Since it is water based compound it is no fire hazard.
  - **Special Risks:** N/A
  - **Special Protective Equipment For Firefighters:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
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#### 6. ACCIDENTAL RELEASE MEASURES

- **Procedure(S) Of Personal Precaution(S):** Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.
  - **Methods For Cleaning Up:** Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site with water after material pickup is complete.
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#### 7. HANDLING AND STORAGE

- **Directions for Safe Handling:** Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.
  - **Conditions of storage:** Keep tightly closed and away from direct sunlight.
  - **Special Requirements:** N/A
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#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Engineering Controls:** Safety shower and eye bath, Mechanical exhaust required.
  - **General Hygiene Measures:** Wash thoroughly after handling.
  - **Personal Protective Equipment:** Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator.
  - **Hand Protection:** Compatible chemical-resistant gloves.
  - **Eye Protection:** Chemical safety goggles.
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Clear to Pale Yellow Liquid
  - **Form:** Liquid
  - **pH (as is):** 9.0–10.0
  - **BP/BP Range:** N/A
  - **MP Range:** N/A
  - **Flash Point:** N/A
  - **Flammability:** N/A
  - **Auto ignition Temp.:** N/A
  - **Oxidizing Properties:** N/A
  - **Explosive Properties:** N/A
  - **Explosion Limits:** N/A
  - **Vapour Pressure:** N/A
  - **SG/Density:** 1.10 - 1.15
  - **Partition Coefficient:** N/A
  - **Viscosity:** N/A
  - **Vapour Density:** N/A
  - **Saturated Vapour Conc.:** N/A
  - **Evaporation Rate:** N/A
  - **Value:** N/A
  - **Bulk Density:** N/A
  - **Decomposition Temp.:** N/A
  - **Solvent Content:** N/A
  - **Water Content:** 80%
  - **Surface Tension:** N/A
  - **Conductivity:** N/A
  - **Miscellaneous Data:** N/A
  - **Solubility:** Completely soluble in water
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## 10. STABILITY AND REACTIVITY

- **Stability:** Stable
- **Conditions to Avoid:** Direct to sunlight.
- **Materials to Avoid:** N/A
- **Hazardous Decomposition Products:** N/A
- **Hazardous Polymerization:** Will not occur

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## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

- **LD50:** no data available.
- **Oral:** no data available.
- **Rat:** no data available.

### IRRITATION DATA

- **Rabbit:** - NO DATA AVAILABLE.
- **Remarks:** - Moderate irritation effect

### ROUTE OF EXPOSURE

- **Skin contact:** - May cause skin irritation.
- **Skin Absorption:** - May be harmful if absorbed through the skin.
- **Eye Contact:** - Causes eye irritation.
- **Inhalation:** - May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.
- **Ingestion:** - May be harmful if swallowed.

### SIGNS AND SYMPTOMS OF EXPOSURE

- To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Exposure can cause Irritation to skin and eyes.

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## 12. DISPOSAL CONSIDERATIONS

- **SUBSTANCE DISPOSAL:** Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.
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## 13. TRANSPORT INFORMATION

- **RID/ADR:** Non-hazardous for road transport.
- **IMDG:** On hazardous for sea transport.
- **IATA:** Non-hazardous for air transport.

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#### 14. REGULATORY INFORMATION

##### CLASSIFICATION AND LABELING ACCORDING TO EU DIRECTIVES

**Irritant:** - No Data Available.

**R-PHRASE:** - No Data Available. Irritating to eyes

**S-PHRASES:** - No Data Available.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

**Caution:** Substance not yet fully tested (EU).

**Country Specific Information:** N/A

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