

# MATERIAL SAFETY DATA SHEET (MSDS)

Product: BlueWello ANTICHLOR (Instant Liquid De-Chlorination Solution)

## 1. PRODUCT AND COMPANY IDENTIFICATION

- **Product Name:** BlueWello ANTICHLOR
- **Product Description:** High-concentration liquid formulated to neutralize free chlorine in RO feed water.
- **Manufacturer:** BlueWello
- **Address:** Gala No. 1, Mhatre Compound, Sonarpada, Dombivli East, Thane, Maharashtra - 421203.
- **Contact:** +91 8928483369 | [customercare@bluewello.com](mailto:customercare@bluewello.com)

## 2. HAZARDS IDENTIFICATION

- **GHS Classification:** \* Acute Toxicity, Oral (Category 4)
  - Serious Eye Damage/Irritation (Category 1)
- **Signal Word:** DANGER
- **Hazard Statements:**
  - H302: Harmful if swallowed.
  - H314: Causes severe skin burns and eye damage.
  - H290: May be corrosive to metals.
- **Precautionary Statements:**
  - P260: Do not breathe vapors/mist.
  - P280: Wear protective gloves, eye protection, and face protection.
  - P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration
Sodium Metabisulfite (SMBS)	7681-57-4	40% w/w
Demineralized (DM) Water	7732-18-5	60% w/w

### Office & Works

Gala No. 1-4 behind Supreme Marble, Dawadi Naka, Kalyan- Shil Road, Dombivili (East). Thane. Maharashtra- 421203

Contact - +91-9892668468, +91-9867063709

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#### 4. FIRST AID MEASURES

- **Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids. Seek medical attention immediately.
- **Skin Contact:** Remove contaminated clothing. Wash skin with soap and plenty of water. If irritation persists, seek medical advice.
- **Inhalation:** Move the person to fresh air. If breathing is difficult, administer oxygen and seek medical help.
- **Ingestion:** Rinse mouth with water. Do NOT induce vomiting. Seek immediate medical attention.

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#### 5. FIRE FIGHTING MEASURES

- **Flammability:** Non-Flammable.
- **Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide (CO<sub>2</sub>).
- **Special Hazards:** Thermal decomposition can lead to the release of toxic and irritating Sulphur Dioxide (SO<sub>2</sub>) gas.
- **Protective Equipment:** Firefighters should wear self-contained breathing apparatus (SCBA) and full protective gear.

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#### 6. ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Wear appropriate PPE (gloves, goggles, mask). Ensure adequate ventilation.
- **Environmental Precautions:** Prevent further leakage. Do not allow the product to enter drains, sewers, or water bodies.
- **Cleanup Methods:** Soak up with inert absorbent material (sand, silica gel, acid binder). Collect in suitable, closed containers for disposal.

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#### 7. HANDLING AND STORAGE

- **Handling:** Avoid contact with skin and eyes. Avoid inhalation of vapors. Use only in well-ventilated areas. Wear gloves and goggles during handling.
- **Storage:** Keep container tightly closed in a cool, dry, and well-ventilated area. Protect from direct sunlight. Store away from acids and oxidizing agents.

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#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Engineering Controls:** Provide local exhaust ventilation.
- **Eye Protection:** Chemical safety goggles or full-face shield.
- **Skin Protection:** Chemical-resistant gloves (Nitrile or PVC) and protective clothing.
- **Respiratory Protection:** Use a respirator with a sulfur dioxide cartridge if ventilation is inadequate.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Clear to Light Amber Liquid
  - **Odour:** Pungent (Sulphurous)
  - **pH (as is):** 3.8 – 4.8
  - **Specific Gravity:** 1.35 @ 25°C
  - **Solubility:** Completely soluble in water
  - **Active Ingredient:** Sodium Metabisulfite (Na<sub>2</sub>S<sub>2</sub>O<sub>5</sub>)
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## 10. STABILITY AND REACTIVITY

- **Chemical Stability:** Stable under recommended storage conditions.
  - **Conditions to Avoid:** Exposure to air/moisture (degrades product), high temperatures.
  - **Incompatible Materials:** Strong acids, strong oxidizing agents, and Ammonia.
  - **Hazardous Decomposition:** Contact with acids releases toxic Sulphur Dioxide (SO<sub>2</sub>) gas.
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## 11. TOXICOLOGICAL INFORMATION

- **Acute Oral Toxicity:** LD<sub>50</sub> Oral - Rat - 1,540 mg/kg (for SMBS).
  - **Skin Irritation:** Corrosive; causes burns.
  - **Eye Irritation:** Risk of serious damage to eyes.
  - **Sensitization:** May cause allergic respiratory and skin reactions in sensitive individuals (sulfite sensitivity).
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## 12. DISPOSAL CONSIDERATIONS

- **Waste Disposal:** Dispose of in accordance with local, state, and federal environmental regulations.
  - **Container Disposal:** Triple rinse containers before recycling. HDPE containers are recyclable.
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## SECTION 12: ECOLOGICAL INFORMATION

- **Ecotoxicity:** Very toxic to aquatic life. The product consumes dissolved oxygen in water.
- **Biodegradability:** Inorganic product; not subject to biodegradation.

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