



MATERIAL SAFETY DATA SHEET (MSDS)

Product: BlueWello SCALX Acidic (Industrial Grade Ultra-Acidic De-scaler)

1. PRODUCT AND COMPANY IDENTIFICATION

- **Product Name:** BlueWello SCALX Acidic
- **Product Description:** Reverse Osmosis Membrane De-Scaling Solution (Low-pH Acidic Formulation)
- **Manufacturer:** BlueWello
- **Address:** Gala No. 1, Mhatre Compound, Sonarpada, Dombivli East, Thane, Maharashtra - 421203.
- **Contact:** +91 8928483369 | customercare@bluwello.com

2. HAZARDS IDENTIFICATION

- **Physical Hazards:** Corrosive to metals (Avoid contact with mild steel or galvanized pipes).
- **Health Hazards:** * Causes severe skin burns and eye damage.
 - Toxic if swallowed.
 - Vapors may be irritating to the respiratory system.
- **Chemical Hazards:** DANGER: Mixing with Chlorine, Bleach, or Sodium Hypochlorite will release Toxic Chlorine Gas.
- **Environmental Hazards:** Biohazard potential; do not discharge concentrated solution into the environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

- **Product Type:** Ultra-Acidic Descaler with Advanced Chelating Agents and Anti-Corrosive Inhibitors.
- **Active Ingredients:** Low-pH buffered acidic formulation specially designed for mineral scale fouling (Carbonate, Magnesium, and Iron deposits).

4. FIRST AID MEASURES

- **Eye Contact:** Immediately flush with plenty of water for at least 15 minutes. Seek medical attention.
- **Skin Contact:** Wash immediately with soap and water. Remove contaminated clothing.
- **Inhalation:** Move to fresh air. If irritation persists, seek medical advice.
- **Ingestion:** Do NOT induce vomiting. Drink plenty of water and seek immediate medical help.

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

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5. FIRE FIGHTING MEASURES

- **Flammability:** Non-flammable.
 - **Extinguishing Media:** Use water spray, dry chemical, or CO₂.
 - **Special Firefighting Procedures:** Wear self-contained breathing apparatus (SCBA) as heat may release irritating fumes.
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6. ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Wear PPE (gloves and goggles). Ensure adequate ventilation.
 - **Cleanup:** Neutralize spill with an alkaline agent (like Soda Ash) before absorption with inert material. Flush area with water.
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7. HANDLING AND STORAGE

- **Handling: Use PPE at all times.** Do not mix with Alkaline cleaners or Chlorine-based products. Use only plastic (PVC/HDPE) or high-grade stainless steel (SS316) equipment for cleaning.
 - **Storage:** Store in original HDPE containers. Keep in a cool, shaded area between 5° C - 35°.
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Eye Protection:** Use chemical safety goggles.
 - **Skin Protection:** Use acid-resistant gloves and protective apron.
 - **Engineering Controls:** Ensure good ventilation during the CIP (Clean-In-Place) process.
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9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Clear to pale yellow Liquid
 - **pH (as is):** 2.0 – 3.0
 - **Specific Gravity:** 1.15 \pm 0.05
 - **Solubility:** 100% Soluble in Water
 - **Odor:** Characteristic / Mild
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10. STABILITY AND REACTIVITY

- **Stability:** Stable under recommended storage conditions.
 - **Incompatibility:** Never mix with Chlorine, Bleach, or Sodium Hypochlorite (releases Toxic Chlorine Gas). Avoid mild steel or galvanized materials.
 - **Reactivity:** Reaction with strong bases will cause neutralization and heat release.
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11. TOXICOLOGICAL INFORMATION

- **Corrosivity:** Highly corrosive to skin and eyes.
 - **Toxicity:** Classified as Toxic (indicated by symbol).
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12. DISPOSAL CONSIDERATIONS

- Neutralize the cleaning solution to a neutral pH (approx. 7.0) before disposal. Dispose of in accordance with local environmental regulations.
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