

# MATERIAL SAFETY DATA SHEET (MSDS)

Product: BlueWello phooster ALKALINE (Industrial Grade pH & TDS Enhancer)

## 1. PRODUCT AND COMPANY IDENTIFICATION

- Product Name:** BlueWello phooster ALKALINE
- Recommended Use:** Industrial pH correction, water treatment, boiler/cooling tower alkalinity management.
- 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:

- Skin Corrosion:** Category 1A
- Serious Eye Damage:** Category 1
- Corrosive to Metals:** Category 1
- Acute Aquatic Toxicity:** Category 3

Signal Word: DANGER

### Hazard Statements:

- H314:** Causes severe skin burns and eye damage.
- H290:** May be corrosive to metals.
- H302:** Harmful if swallowed.
- H402:** Toxic to aquatic life.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration
Sodium Hydroxide (NaOH)	1310-73-2	High-Potency Alkaline Base
Stabilized Water Matrix	7732-18-5	Balance

### Office & Works

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

Contact - +91-9892668468, +91-9867063709

[info@universalexperts.in](mailto:info@universalexperts.in), [www.universalexperts.in](http://www.universalexperts.in)

#### 4. FIRST AID MEASURES

- **Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Seek immediate medical attention.
- **Skin Contact:** Remove contaminated clothing. Flush skin with water for 15-20 minutes. Seek medical help if irritation persists.
- **Inhalation:** Move to fresh air. If breathing is difficult, give oxygen and call a doctor.
- **Ingestion:** DO NOT induce vomiting. Rinse mouth with water. Drink plenty of water or milk. Contact a Poison Control Center immediately.

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#### 5. FIRE FIGHTING MEASURES

- **Flammability:** Non-Flammable.
- **Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
- **Special Hazards:** Product reacts with acids and certain metals (like aluminum) to release flammable hydrogen gas.

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#### 6. ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Wear full PPE (gloves, goggles, apron).
- **Clean-up:** Neutralize spill with a weak acid (like citric acid or vinegar) carefully. Absorb with inert material and dispose of in accordance with local regulations. Prevent runoff into drains or water bodies.

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#### 7. HANDLING AND STORAGE

- **Handling:** Avoid contact with skin and eyes. Do not breathe vapors. Do not mix with acids or chlorine-based products (releases toxic gas).
- **Storage:** Store in original HDPE containers. Keep in a cool, shaded area (5°C – 35°C). Keep container tightly closed and out of reach of children.

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#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Eye Protection:** Chemical splash goggles or face shield.
- **Hand Protection:** Chemical-resistant nitrile or rubber gloves.
- **Respiratory Protection:** Use in well-ventilated areas. If fumes are present, use a certified respirator.
- **Engineering Controls:** Safety shower and eye-wash station should be near the workstation.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Clear, colorless liquid.
  - **Odor:** Odorless.
  - **pH (Concentrate):** 8.5 – 10.5 @ 25°C.
  - **Specific Gravity:** 1.15 – 1.20 @ 25°C.
  - **Solubility:** Completely soluble in water.
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## 10. STABILITY AND REACTIVITY

- **Stability:** Stable under recommended storage conditions.
  - **Incompatibility:** Acids, Ammonia, Reducers, or Chlorine-based cleaners.
  - **Hazardous Reactions:** Reacts violently with acids. Corrosive to aluminum, zinc, and tin.
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## 11. TOXICOLOGICAL INFORMATION

- **Acute Toxicity:** Harmful if swallowed.
  - **Skin/Eye:** Highly corrosive; causes permanent damage if not treated immediately.
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