**PRODUCT INFORMATION**

**PRODUCT NAME:** B.I.O. Blast 500

**SKU #:** 11677100

**DESCRIPTION:** B.I.O. Blast 500 is a broad-spectrum biocidal system designed for the chemical treatment of air washers and industrial scrubbing systems. It is effective in controlling the growth of microorganisms and the development of slime, algae, and bacteria in water-based systems, which can lead to the formation of biofouling, reducing surface area, and impairing system efficiency.

**APPLICATIONS:**

- **AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS:**
  - Initial Treatment: Use 11.8 to 23.6 fluid ounces (100 to 200 ppm) of B.I.O. Blast 500 per 1,000 liters of water in the system. Maintain this treatment level by starting a continuous feed method at a convenient point of uniform mixing such as the basin area. Addition may be made from 0.1 to 0.6 lbs. of B.I.O. Blast 500 per 1,000 lbs. of dry powder to produce a concentration from 100 to 200 ppm. Repeat until control is achieved.
  - Treatment System: Use from 0.3 to 2.0 lbs of B.I.O. Blast 500 per ton to maintain treatment effectiveness.

- **RECYCLING AND PROCESS WATER SYSTEMS:**
  - Initial Treatment: Use from 11.8 to 23.6 fluid ounces (100 to 200 ppm) of B.I.O. Blast 500 per 1,000 liters of water in the system. Repeat until control is achieved.

- **PAPER MILLS AND PAPER MILL PROCESS WATER SYSTEMS:**
  - Initial Treatment: Use 11.8 to 23.6 fluid ounces (100 to 200 ppm) of B.I.O. Blast 500 per 1,000 liters of water in the system. Repeat until control is achieved.

**CONCENTRATION:**

- **Sludge Forming Bacteria:** 100 to 200 ppm
- **Sulphate-reducing Bacteria:** 100 to 200 ppm

**PACKAGING:**

- **Net Contents:** 18.9 L (5 U.S. Gal.)
- **Net Weight:** 26.2 kg (57.9 lbs.)

**LABEL STATEMENTS:**

- **DANGER:** Keep out of reach of children and animals. Harmful if swallowed. Prolonged or frequently repeated contact may cause allergic reactions in some individuals. Causes asthma and respiratory irritation in sensitive individuals.
- **WARNING:** Do not take internally, on skin, or on clothing. Avoid breathing vapor. Do not extend. Wear gloves, protective clothing, and boots in mid-level glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and shoes.

**PRECAUTIONARY STATEMENTS:**

**Hazard Statements:**

- **H228:** Harmful if swallowed.
- **H315:** Causes skin irritation.
- **H319:** Causes serious eye damage.
- **H335:** May cause respiratory irritation.
- **H373:** Causes skin irritation.
- **H318:** Causes serious eye irritation.
- **H317:** Causes irritation of skin and eyes.

**Precautionary Statements:**

- **P280:** Wear protective gloves and eye protection.
- **P312:** Call a POISON CENTER/doctor if you feel unwell.
- **P305 + P351 + P338:** If swallowed: Rinse out mouth. Do not induce vomiting.
- **P302 + P352:** If on skin or clothing: Remove immediately by washing with plenty of water for at least 15 minutes.
- **P301 + P330 + P331:** If in eyes: Rinse immediately with plenty of water for at least 15 minutes.
- **P305:** If inhaled: Move to fresh air.

**EMERGENCY RESPONSE:**

- **Emergency telephone number:** Contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**EPA REGISTRATION:**

- **EPA Registration Number:** 12023-02 (2-p). 464-BV(1) (60 gal. pails only)
- **Made in USA:** Yes
- **Certified:** Yes

**DISPOSAL:**

- **Incompatibility:** Do not mix with other pesticides or re-package the container. Treat securely. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Pesticide wastes are illegal. Disposal methods in the United States must be in accordance with federal, state, or local laws.

**SAFETY DATA SHEET:**

- **STORAGE AND HANDLING:** B.I.O. Blast 500 can be stored and handled in bonded phenolic-lined steel, polyethylene, stainless steel, or fiberglass equipment with suitable polyethylene lining. This product is compatible with at least 98% of common materials of construction. It is compatible with many plants' water systems including cooling-water systems, heat exchangers, and evaporative condensers.

- **PESTICIDE DISPOSAL:** Discharge contains phosphoric acid. Chemical effect containing this product into lakes, streams, ponds, wetlands, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified.

**ENVIRONMENTAL HAZARDS:**

- **Toxicity:** This product contains a highly toxic pesticide. Discharge containing this product into lakes, streams, ponds, wetlands, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified. Be sure to use non-ionic surfactants for dilution of B.I.O. Blast 500. Cold water, chlorinated water, and hot water may not be used for the purposes of disinfection.