

Reg # 1448-342

PM-31

131

BUSAN 1130

BUSAN is a registered trademark.

ACTIVE INGREDIENTS:

2-Bromo-4'-hydroxyacetophenone 10.0 %

INERT INGREDIENTS: 90.0 %

**KEEP OUT OF REACH OF CHILDREN
DANGER**

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Fatal if spray mist is inhaled under prolonged exposure. Do not breath mist. Corrosive. Causes severe eye and skin damage. Harmful or fatal if swallowed. Causes dermal sensitization. Do not get in eyes, on skin or on clothing. Avoid contamination of food. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly after use.

Statement of Practical Treatment: In case of skin contact, wash with plenty of soap and water. Using gloves, remove contaminated clothing. Wash clothes before reuse. If product gets into eyes, flush immediately with large amounts of clean, cool water for 15 minutes. Get medical attention immediately.

If product is swallowed, DO NOT INDUCE VOMITING. Rinse mouth with large amounts of tap water. Drink slowly one or two glassfuls of water. Contact a physician or Poison Control Center immediately. In cases where the individual is unconscious, do not give fluids by mouth. Avoid alcohol, alcohol containing products or other drugs or substances as antidotes.

Note to physician: Probable mucosal damage may contraindicate gastric lavage.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not use in facilities discharging directly or indirectly to the estuarine or marine environment. Do not discharge effluent containing this product to lakes, streams, ponds or other waters unless in accordance with requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharging. DO not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or EPA Regional Office.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Do not expose to extreme temperatures. Do not stack more than five drums high. Drums should be opened in well-ventilated areas. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide waste are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these waste cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at your EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple-rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

To control bacterial and fungal slime in pulp and paper mills, Busan 1130 is employed at 0.3 to 3 kg per tonne (0.6 to 6 lb per

ton) of pulp or paper (dry basis) added to the white water or stock at a point of good agitation ahead of where the slime is forming. To supplement or replace chlorine in the treatment of freshwater used on a paper machine, use Busan 1130 at concentrations of 3 to 12 parts per million (ppm). To prevent spoilage of slush pulp in storage, add Busan 1130 in a manner that will ensure uniform distribution throughout the mass of pulp. For slush pulp that will be held in storage for more than 8 hours but not more than 1 week, treat this pulp with 0.3 to 0.9 kg of Busan 1130 per tonne (0.6 to 1.8 lb per ton) of moisture-free pulp. When microbiologically contaminated pulp or recycled fiber (waste paper) is added to the system, use a supplementary treatment of Busan 1130. To each beater or pulper add 0.3 kg of Busan 1130 per tonne (0.6 lb per ton) of moisture-free fiber to help keep the system free of slime. For treatment of the broke to help control slime, use Busan 1130 at 0.3 to 0.9 kg per tonne (0.6 to 1.8 lb per ton) of dry broke.

To inhibit the growth of bacteria that cause the degradation of papermaking chemicals, such as animal glue solutions, clay slurries, starch slurries and solutions, or coating formulations, use 150 to 600 ppm of Busan 1130, based on the total wet weight of slurry, emulsion or solution to be protected.

To inhibit the growth of fungi that cause the degradation of papermakers' alum solutions, use 150 to 300 ppm Busan 1130 based on the total wet weight of the solution.

Busan 1130 is used to inhibit the growth of bacteria that cause loss of viscosity in emulsion paints, adhesives, waxes, and polishes. Busan 1130 is added at rates of 0.3 to 1.5% based on the weight of the emulsion. This product is not to be used in adhesives which may contact food.

Cooling Water Systems: For the control of bacteria in industrial and commercial recirculating cooling water systems, Busan 1130 should be fed at a rate of 1.3 to 13 fl. oz. (10 to 100 ppm) per 1,000 gallons of system water. This dosage should be repeated every 1 to 5 days as needed. If the system is badly fouled, it should be cleaned to remove old deposits before treatment with Busan 1130 is begun.

Petroleum Secondary Recovery: Busan 1130 is used to control both aerobic and anaerobic bacteria in oil field water, water disposal systems, and other oil field water systems. Busan 1130 may be fed continuously, intermittently or by slug addition. Addition should be made to injection wells, free water knockouts, filtration systems, production wells and at other locations subject to bacterial fouling and corrosion.

Continuous Feed: Busan 1130 may be fed continuously at a level of 0.65 to 6.3 fl. oz. per 1,000 gallons or 26.5 to 265 fl. oz. per 1,000 bbls of produced water (5 to 50 ppm).

Intermittent Feed: Busan 1130 may be fed intermittently at a level of 0.65 to 10.0 fl. oz. per 1,000 gallons or 26.5 to 424 fl. oz. per 1,000 bbls of produced water (5 to 80 ppm) 4 to 8 hours per day.

Slug Feed: Where intermittent or continuous feed is not desirable, Busan 1130 may be fed at a dosage of 1.3 to 12.6 fl. oz. per 1,000 gallons or 53 to 530 fl. oz. per 1,000 bbls of produced water (10 to 100 ppm). Dosage should be repeated every 1 to 7 days as needed.

Drilling Fluids: To inhibit bacterial degradation of drilling fluids and muds, Busan 1130 should be applied at a rate of 0.1 to 0.4% based upon the total weight of the fluid.

ACCEPTED
NOV 29 1993
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 1448-342

HMIS/NPCA RATING
Health 3 Flammability 2 Reactivity 1

Product Weight: 9 lbs./gal. 1.08 kg/l
NET CONTENTS MARKED ON CONTAINER

EPA Reg. No. 1448-342

Manufactured By EPA Est. No. 1448-TN-1
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