

BUSAN 1130

BUSAN is a registered trademark.

**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 discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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 residue 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 concentrations of 3 to 12 parts per million (p) that will ensure uniform distribution throughout hours but not more than 1 week, treat this pulp. When microbiologically contaminated supplementary treatment of Busan 1130. moisture-free fiber to help keep the system at 0.3 to 0.9 kg per tonne (0.6 to 1.8 lb per ton). To inhibit the growth of bacteria that cause slurries, starch slurries and solutions, or color polishes. Busan 1130 is added at rates of 0.3 to 0.9 kg per tonne (0.6 to 1.8 lb per ton) to inhibit the growth of fungi that cause the on the total wet weight of the solution. Busan 1130 is used to inhibit the growth of mold. Busan 1130 is added at rates of 0.3 to 0.9 kg per tonne (0.6 to 1.8 lb per ton) to adhesives which may contact food. **Cooling Water Systems:** For the control of 1130 should be fed at a rate of 1.3 to 13 l repeated every 1 to 5 days or as needed. treatment with Busan 1130 is begun. **Petroleum Secondary Recovery:** Busan disposal systems, and other oil field water Additions should be made to injection well subject to bacterial fouling and corrosion. **Continuous Feed:** Busan 1130 may be fed 1,000 bbls. of produced water (5 to 50 ppm) Intermittent Feed. Busan 1130 may be fed 1,000 bbls. of produced water (5 to 80 ppm) Slug Feed: Where intermittent or continuous per 1,000 gallons or 53 to 530 fl. oz. per 1,000 to 7 days as needed. **Drilling Fluids:** To inhibit bacterial degradation based upon the total weight of the fluid. **Hides and Skins:** Busan 1130 is used to inhibit the total weight of hides or skins and water to nine parts water (as opposed to adding

ACCEPTED
NOV 23 1994
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

HMIS/NPCA
Health 3 Flammability

Manufactured by
BUC
1256 N. Main St.
Rev. 8/24/92

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BUSAN 1130

Registered trademark.

ACTIVE INGREDIENTS:

2-Bromo-4'-hydroxyacetophenone 100 %

INERT INGREDIENTS: 90.0 %

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KEEP OUT OF REACH OF CHILDREN DANGER

HAZARD STATEMENTS AND DOMESTIC ANIMALS

prolonged exposure. Do not breathe mist. Corrosive, or fatal if swallowed. Causes dermal sensitization. Do not contaminate food. Wear goggles or face shield and gloves after use.

In contact, wash with plenty of soap and water. Remove clothes before reuse. If product gets into eyes, flush eyes for 15 minutes. Get medical attention immediately. For first aid, consult a physician or Poison Control Center immediately. Do not give fluids by mouth. Avoid alcohol, alcoholism, and other drugs as antidotes.

May contraindicate gastric lavage. Not toxic to fish. Do not discharge effluent containing this product into streams, rivers, or public waters unless this product is specifically approved. Do not discharge effluent containing this product to a sewage treatment plant authority. For guidance contact your local EPA.

STORAGE AND DISPOSAL

Storage and disposal. Do not stack more than five drums high. Drums that are leaking or damaged should be placed in an overpack of sawdust or sand and disposed of in a sanitary landfill.

Toxic. Improper disposal of excess pesticide, spray mixture, or empty container cannot be disposed of by use according to this label. Contact your local or Environmental Control Agency, or the Hazardous Waste Agency for guidance.

Recycling. Offer for recycling or reconditioning, or other use by other procedures approved by state and local authorities.

PRECAUTIONS FOR USE

Use this product in a manner inconsistent with its labeling.

Busan 1130 is employed at 0.3 to 3 kg per tonne (0.6 to 6 lb per ton) 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 or 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. Additions 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 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.

Hides and Skins: Busan 1130 is used to prevent the bacterial decomposition of green fleshed hides and brine-cured hides and skins during the rehydration process. In soaking solutions, Busan 1130 should be used at a level of 0.03 - 0.1% based on the total weight of hides or skins and water (float). Immediately prior to use, Busan 1130 should be diluted one part Busan 1130 to nine parts water (as opposed to adding water to Busan 1130) with agitation.

ACCEPTED
NOV 23 1994

Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.

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
BUCKMAN LABORATORIES, INC.

1256 N. McLEAN BLVD., MEMPHIS, TN 38108 USA
(901) 278-0330 or 1-800-BUCKMAN

Rev. 8/24/92

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