



ACCEPTED  
 NO. 9 1988  
 as amended, for the  
 pesticide register under  
 1448-47

# BUSAN® 52

Patents issued or pending in the U.S.A. and other countries

**ACTIVE INGREDIENTS:**

Potassium N-hydroxymethyl-N-methyldithiocarbamate..... 32.0%

**INERT INGREDIENTS** ..... 68.0%

This product contains 3.4 lb of active ingredient per gallon and weighs 10.5 lb per gallon.

**KEEP OUT OF REACH OF CHILDREN  
 DANGER**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Corrosive. Causes eye and skin irritation. Harmful or fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly after handling. Avoid contamination of food.

**FIRST AID:** *In case of skin contact*, wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. *If product gets in the eyes*, flush immediately with copious amounts of clean, cool water for at least 15 minutes. Get medical attention immediately. *If swallowed*, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

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

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge treated effluent into lakes, streams, ponds, or public waters unless in accordance with a NPDES permit. For guidance, contact your Regional Office of the Environmental Protection Agency.

**DIRECTIONS FOR USE**

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

Busan 52 is used in pulp and paper mills (1) to control bacterial and fungal slime; (2) to inhibit the growth of bacteria that cause the degradation of papermaking chemicals such as animal glue solutions, clay slurries, starch solutions and slurries, and coating formulations; and (3) to inhibit the growth of fungi that cause the degradation of papermaker's alkali solutions. Refer to the Product Data bulletin entitled *Busan 52 - For Microorganism Control in Pulp and Paper Mills* for detailed directions on these applications.

Busan 52 is composed of substances that have been allowed for use in the manufacture of paper and paperboard under U.S. Food and Drug Administration Regulation 176.300.

Busan 52 is employed in leather manufacture to control bacterial and fungal degradation of materials. For the preservation of salt-cured hides and skins intended for tanning, Busan 52 is used at treatment rates of 0.5-4.0 lb/1000 lb of white weight stock. For microorganism control in the soaking of hides, Busan 52 is used at rates of 350-700 ppm based on the weight of the green hides and soak water. To preserve tannery glue solutions Busan 52 is added to the glue at rates of 100-250 ppm, based on the total weight of the glue.

Busan 52 is also used to inhibit the growth of fungi and bacteria in water-based drilling muds, completion fluids, packer fluids, and other water-based drilling fluids containing starch, gums, sugars, or other organic materials. For these purposes Busan 52 is added at concentrations of 0.05-0.2% by weight.

Technical assistance in applying Busan 52 for microorganism control as described above is available upon request when a description of the problem is provided.

HPLC Rating

Health	3	Flammability	1	Reactivity	1	Maximum Personal Protection	C
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**STORAGE & DISPOSAL**

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

**STORAGE:** 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 wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes 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.

Manufactured by

**Buckman Laboratories, Inc.**  
 Memphis, Tenn. 38108, U.S.A.

EPA Reg. No. 1448-47

EPA Est. No. 1448-TN-1

Net Contents: Marked On Container