



# BUSAN 1058

BUSAN is a registered trademark.

### ACTIVE INGREDIENT(S)

Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione.....

24.0%

### INERT INGREDIENTS.....

76.0%

### TOTAL.....

100.0%

## KEEP OUT OF REACH OF CHILDREN DANGER

FIRST AID	
If in Eyes	- Hold eyes open and rinse slowly and gently with water for 15-20 minutes. - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. - Call a poison control center or doctor for further treatment advice.
If on Skin, Clothes	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice.
If Swallowed	- Call poison control center or doctor immediately for treatment advice. - Have person sip a glass of water, if able to swallow. - Do not induce vomiting unless told to do so by the poison control center or doctor. - Do not give anything by mouth to an unconscious person.
If Inhaled	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. - Call a poison control center or doctor for further treatment advice.
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. You may also contact 901-278-0330 or 1-800-BUCKMAN for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

### Precautionary Statements

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER.** Corrosive. Causes severe eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. Avoid contamination of food. May cause skin sensitization.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, 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 in writing prior to discharge. Do not discharge effluent containing this product to sewage systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

### Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
**PAPER MILL SLIME CONTROL: FOR THE CONTROL OF SLIME-FORMING AND/OR SPOilage BACTERIA:** BUSAN 1058 is added at a point in the system (raw stock chest, beater and/or refiner chest, or machine chest-wirepit) where it will be uniformly mixed. Application may be continuous or intermittent for a certain number of hours/day or per shift, depending upon system characteristics. Add 5 to 20 fluid ounces of BUSAN 1058 per ton of paper produced.

**INTERMITTENT FEED METHOD:** Apply 12 to 20 fluid ounces of BUSAN 1058 per ton (dry basis) of pulp or paper produced on a continuous basis. Badly fouled process systems must be cleaned before initial treatment.

**OILFIELD DRILLING MUDS AND WORKOVER OR COMPLETION FLUIDS: FOR CONTROL OF SLIME-FORMING AND/OR SPOilage BACTERIA:** Determine the total volume of the circulating system. Calculate the number of gallons of BUSAN 1058 needed to produce a concentration of 2,080 ppm (0.73 lb/bbl) of BUSAN 1058 in the drilling mud circulating system. For example, 75 gallons of BUSAN 1058 per 1000 barrels of drilling fluid will produce the proper concentration. For best results add BUSAN 1058 in a thin stream to the mud pit while the drilling fluid is circulating. As the total volume increases, due to greater well depth, add additional BUSAN 1058 to maintain the proper concentration. Because of the wide variation in drilling mud composition and bacterial contamination, greater or lesser amounts of the BUSAN 1058 may be prescribed.

**OILFIELD WATER TREATMENT AND WATER FLOODS: FOR CONTROL OF SLIME-FORMING AND/OR SPOilage BACTERIA:** Calculate the total volume of water to be treated. Using this volume, calculate the number of gallons of BUSAN 1058 needed to produce concentration of approximately 2500 ppm BUSAN 1058. For example, 2.1 gallons of BUSAN 1058 per each 1000 gallons of total volume will produce this dilution. 350 ppm BUSAN 1058, added each week, is recommended to maintain bacterial control. This may be accomplished by adding 0.30 gallons of BUSAN 1058 to each 1000 gallons of total volume. Because of the wide variation in waters found in the oil field, greater or lesser amounts of BUSAN 1058 may be required in a particular location.

**FOR THE PRESERVATION OF CLAY SLURRIES, ADHESIVES, COATINGS AND HIGH VISCOSITY SUSPENSIONS:** For preservation of slurries and high viscosity suspensions, BUSAN 1058 should be added at a point in the processing system where there will be sufficient time and agitation for good mixing and dispersion. Add BUSAN 1058 at use levels of 0.04-0.45%, by weight, based on the total formulation in slurries of starch, clay, calcium carbonate, or titanium dioxide; paper coatings; high viscosity suspensions (e.g., polymers, silica-polymer combinations), polyvinyl alcohol/polyvinyl acetate-based adhesives; starch-based adhesives; dextrin-based adhesives. The exact amount of material to be added for the preservation of any given formulation will depend on the components and local storage time and conditions. Dosage rates should be determined by actual tests.

**RECIRCULATING COOLING WATER SYSTEMS: FOR CONTROL OF ALGAE, FUNGI AND SLIME FORMING BACTERIA:** Dosages for recirculating cooling water systems will depend on the condition of the system prior to treatment initiation. Systems which are heavily contaminated should be cleaned first. Apply BUSAN 1058 to the cleaned system when growth is first noticed according to the following schedule.  
**INITIAL DOSE:** Apply 3.25 - 6.5 fluid ounces (30 - 60 ppm) of BUSAN 1058 per each 1000 gallons of water in the system. This dose may be a continuous treatment or applied once, twice or three times weekly or as required to control the growth of slime forming organisms.  
**SUBSEQUENT DOSAGE:** When microbial control is evident add 0.5 - 3.25 fluid ounces (5 - 30 ppm) of BUSAN 1058 per 1000 gallons of water in the system as a continuous treatment daily or every three days or as required to maintain control.

### Storage and Disposal

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

**PESTICIDE STORAGE:** Protect from freezing and temperatures in excess of 140°F. Keep container closed when not in use. If contents are spilled or leaked due to container damage, collect liquid with absorbent material and dispose of in accordance with local, state, and federal pesticide disposal regulations.

**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 the nearest EPA Regional Office for guidance.

### CONTAINER DISPOSAL

**Metal Containers:** 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.

**Plastic Containers:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

11/16/2004

### Manufactured by

**Buckman Laboratories, Inc.**

1256 North McLean Blvd.  
Memphis, Tennessee 38108, USA

(901) 278-0330 or 1-800-BUCKMAN

EPA Est. No. 1448-TN-1

EPA Reg. No. 1448-103

Product Weight 9.6 lbs/gal 1.15 kg/l

Net contents are marked on the container.

### HMIS / NPCA Ratings

Health 3 Flammability 2 Reactivity 2

Last Revision 8/27/2004

ACCEPTED

NOV 16 2004

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 1448-TN-1-103