



### Directions for Use

# BUSAN 1350

BUSAN is a registered trademark.

<b>ACTIVE INGREDIENT(S)</b>	
2-(Thiocyanomethylthio)benzothiazole.....	8.0%
Methylene bis(thiocyanate).....	8.0%
<b>INERT INGREDIENT(S)</b>	
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 for treatment advice.
If Ingested	- 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.
HOT LINE NUMBER	
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.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage.	

### Precautionary Statements

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive, causes irreversible eye damage and skin burns. May be fatal if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Do not breathe dust. Wear goggles or face shield, a mask or pesticide respirator jointly approved by MSHA and OSHA, protective clothing and shoes, and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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 sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

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

BUSAN 1350 is packaged in water soluble bags for the purpose of providing application convenience and increased safety to the end user. These bags are further packaged in water resistant enclosures that are designed to protect the water soluble bags and keep them dry. Careful handling of the product should maintain product integrity and will reduce likelihood of exposure. Application dosages are recommended to take advantage of available package sizes thus allowing use of the total contents of each bag. The bags should be placed in the system in an area of good flow to ensure adequate dispersion.

**NEVER OPEN INDIVIDUAL BAGS. INDIVIDUAL BAGS SHOULD ALWAYS BE STORED IN THEIR ORIGINAL CONTAINER WHEN NOT IN USE.**

**HIDES AND SKINS:** Please see the product data bulletin entitled, "BUSAN 1350 Product/Use Information Sheet-Hides and Skins"

**LEATHER:** Please see the product data bulletin entitled, "BUSAN 1350 Product/Use Information Sheet- Leather Applications"

**AUTOMATED SYSTEMS:** Please see the product data bulletin entitled, "BUSAN 1350 Product/Use Information Sheet - Automated Cooling Water Systems."

**COOLING WATER:** Please see the product data bulletin entitled, "BUSAN 1350 Product/Use Information Sheet - Cooling Water Systems".

**PETROLEUM SECONDARY RECOVERY:** Please see the product data bulletin entitled, "BUSAN 1350 Product/Use Information Sheet - Petroleum Secondary Recovery."

**DRILLING, FRACTURING AND REWORK FLUIDS:** Please see the product data bulletin entitled, "BUSAN 1350 Product/Use Information Sheet - Drilling, Fracturing, and Rework Fluids."

**SAPSTAIN AND MOLD CONTROL:** Please see the product data bulletin entitled, "BUSAN 1350 Product/Use Information Sheet - for Sapstain and Mold Control"

**ACCEPTED**

APR 10 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 1448-408

### Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.  
**STORAGE:** Containers should be kept closed when not in use. Store this product in a cool dry area away from sunlight and heat to avoid deterioration. If contents are spilled or the container is damaged and bags ruptured, collect spilled 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 waste cannot be disposed of by use according to label instructions, contact you State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at your EPA Regional Office for guidance.  
**CONTAINER DISPOSAL:** If container is contaminated, triple rinse (or equivalent). Then offer the container for recycling or reconditioning, or puncture and dispose of in a sanitary landfill by incineration, or, if allowed, by state and local authorities, by burning. If burned, stay out of smoke. Dispose of overwrap-bag, if applicable, in a sanitary landfill, or by incineration, if allowed by state and local authorities.

### \*\*\* Specimen Label \*\*\*

Manufactured by		<b>Buckman Laboratories, Inc.</b>	
1256 North McLean Blvd., Memphis, Tennessee 38108, USA (901) 278-0330 or 1-800-BUCKMAN			
EPA Est. No.	1448-TN-1		
EPA Reg. No.	1448-408	Net contents are marked on the container.	
Product Weight	8.6 lbs/gal 1.03 kg/l		
HMS / NPCA Ratings			Last Revision
Health	3	Flammability	1
		Reactivity	1
			2/11/2003

1448-408-8771  
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# Buckman Laboratories, Inc.

1256 N. McLean Boulevard, Memphis, TN 38108. Phone: (901) 278-0330. Fax: (901) 274-8035

## BUSAN 1350

### Product/Use Information Sheet HIDES AND SKINS

#### ACTIVE INGREDIENTS:

2-(Thiocyanomethylthio)benzothiazole.....8.0%  
Methylene bis(thiocyanate).....8.0%

INERT INGREDIENTS:.....84.0%

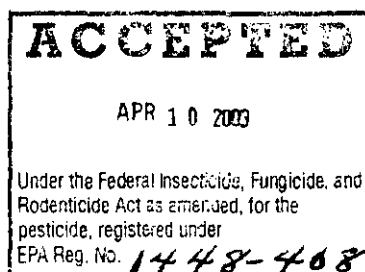
Please refer to the product label for precautionary statements regarding use and handling of this product.

BUSAN 1350 is packaged in water soluble bags for the purpose of providing application convenience and increased safety to the end user. Careful handling of the product should maintain product integrity and will reduce likelihood of exposure.

**NEVER OPEN INDIVIDUAL BAGS, INDIVIDUAL BAGS SHOULD ALWAYS BE STORED IN THEIR ORIGINAL CONTAINER.**

**HIDES AND SKINS (1 pound bags):** Busan 1350 is used to prevent bacterial decomposition of brine-cured hides and skins. Busan 1350 should be used at a level of 1.0 to 3.0 1-lb bag(s) per 1000 lbs of green fleshed hides or skins. The packets of Busan 1350 should be added prior to or immediately after the hides to the raceway. To assure adequate mixing, the bags should be individually introduced to the input side of the raceway paddle.

**HIDES AND SKINS (4 ounce bags):** BUSAN 1350 is used to prevent bacterial decomposition of brine-cured hides and skins. BUSAN 1350 should be used at a level of 2 to 10 4-oz bag(s) of BUSAN 1350 per 1000 lbs of green fleshed hides or skins. The packets of BUSAN 1350 should be added prior to or immediately after the hides to the raceway. To assure adequate mixing, the bags should be individually introduced to the input side of the raceway paddle.



EPA Reg. No.: 1448-408

Revised 2/11/03



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# Buckman Laboratories, Inc.

1256 N. McLean Boulevard, Memphis, TN 38108. Phone: (901) 278-0330. Fax: (901) 274-8035

## BUSAN 1350

### Product/Use Information Sheet LEATHER APPLICATIONS

#### ACTIVE INGREDIENTS:

2-Thiocyanomethylthio)benzothiazole.....	8.0%
Methylene bis(thiocyanate).....	8.0%
<b>INERT INGREDIENTS:</b> .....	<b>84.0%</b>

Please refer to the product label for precautionary statements regarding use and handling of this product.

BUSAN 1350 is packaged in water soluble bags for the purpose of providing application convenience and increased safety to the end user. Careful handling of the product should maintain product integrity and will reduce likelihood of exposure.

**NEVER OPEN INDIVIDUAL BAGS, INDIVIDUAL BAGS SHOULD ALWAYS BE STORED IN THEIR ORIGINAL CONTAINER.**

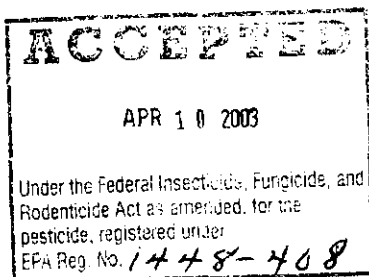
**LEATHER (4 ounce bags):** BUSAN 1350 is used to prevent bacterial decomposition of hides and skins during the soaking process. BUSAN 1350 should be used at a level of **4 to 8 4-oz bags per 1000 lbs** of green or brine fleshed hides or skins. BUSAN 1350 is used to prevent mold growth on chrome or vegetable-tanned hides or skins during tanning or post tanning operations prior to finishing. BUSAN 1350 is used at treatment rates of **2 to 12 4-oz bags per 1000 lbs** of white weight stock. Individual bags of BUSAN 1350 can be added directly to the tanning drum or vessel or dissolved in a chemical mix box during the tanning process.

**LEATHER (1 pound bags):** Busan 1350 is used to prevent bacterial decomposition of hides and skins during the soaking process. Busan 1350 should be used at a level of **1 - 2 1-lb bag(s) per 1000 lbs** of green or brine fleshed hides or skins. Busan 1350 is used to prevent mold growth on chrome of vegetable-tanned hides and skins during tanning or post tanning operations prior to finishing. Busan 1350 is used at treatment rates of **1- 3 1-lb bag(s) per 1000 lbs** of white weight stock. Individual bags of Busan 1350 can be added directly to the tanning drum or vessel or dissolved in a chemical mix box during the tanning process.

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**ACCEPTED**  
APR 10 2003  
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 1448-408

## BUSAN 1350

### Product/Use Information Sheet AUTOMATED COOLING WATER SYSTEMS

#### ACTIVE INGREDIENTS:

2-(Thiocyanomethylthio)benzothiazole.....	8.0%
Methylene bis(thiocyanate).....	8.0%
<b>INERT INGREDIENTS:</b> .....	<b>84.0%</b>

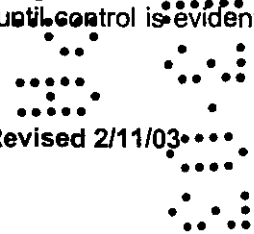
Please refer to the product label for precautionary statements regarding use and handling of this product.

BUSAN 1350 is packaged in water soluble bags which are enclosed in containers to be used in automated feed equipment for the purpose of providing application convenience and increased safety to the end user. Careful handling of the product should maintain product integrity and will reduce likelihood of exposure.

**NEVER OPEN INDIVIDUAL BAGS. INDIVIDUAL BAGS SHOULD ALWAYS BE STORED IN THEIR ORIGINAL CONTAINER.**

**AUTOMATED COOLING WATER SYSTEMS (4 ounce bags):** BUSAN 1350 is used to inhibit the growth of microorganisms in automated industrial and commercial recirculating cooling water systems. To apply BUSAN 1350 in the 21<sup>st</sup> Century Innovations or Solid-Pro, Inc. automated feed and dispensing equipment system, remove one of the dosing-canisters from the box. Remove the canister lid, invert the canister and attach it tightly onto the diluting (mixing) unit of the system. The system should be set up to dispense enough BUSAN 1350 to achieve a residual of 30 to 120 ppm of product per 1,000 gallons of system water every 1 to 5 days. In noticeably fouled systems, dispense enough BUSAN 1350 to achieve a residual of 60 to 240 ppm of product per 500 gallons of system water until control is evident. *For best results the system should be cleaned prior to treatment*

**AUTOMATED COOLING WATER SYSTEMS (1 pound bags):** BUSAN 1350 is used to inhibit the growth of microorganisms in automated feed industrial and commercial recirculating cooling water systems. To apply BUSAN 1350 in the 21<sup>st</sup> Century Innovations, Jaytech, or Solid-Pro, Inc. automated feed and dispensing equipment system remove one of the dosing-canisters from the box. Remove the canister lid, invert the canister and attach it tightly onto the diluting (mixing) unit of the system. The system should be set up to dispense enough BUSAN 1350 to achieve a residual of 30 to 120 ppm of product per 4,000 gallons of system water every 1 to 5 days. In noticeably fouled systems, dispense enough BUSAN 1350 to achieve a residual of 60 to 240 ppm of product per 2000 gallons of system water until control is evident. *For best results the system should be cleaned prior to treatment*



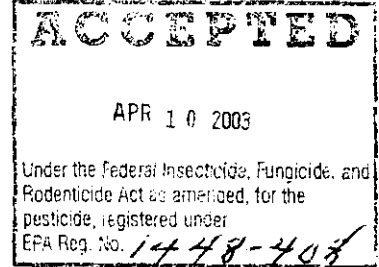
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# Buckman Laboratories, Inc.

1256 N. McLean Boulevard, Memphis, TN 38108. Phone: (901) 278-0330. Fax: (901) 274-8035

## BUSAN 1350

### Product/Use Information Sheet COOLING WATER SYSTEMS



#### ACTIVE INGREDIENTS:

2-(Thiocyanomethylthio)benzothiazole.....8.0%

Methylene bis(thiocyanate).....8.0%

INERT INGREDIENTS:.....84.0%

Please refer to the product label for precautionary statements regarding use and handling of this product.

BUSAN 1350 is packaged in water-soluble bags for the purpose of providing application convenience and increased safety to the end user. These bags are further packaged in water-resistant enclosures that are designed to protect the water-soluble bags and keep them dry. Careful handling of the product should maintain product integrity and will reduce likelihood of exposure. Application dosages are recommended to take advantage of available package sizes thus allowing use of the total contents of each bag. The bags should be placed in the system in an area of good flow to ensure adequate dispersion.

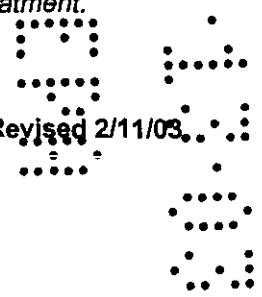
**NEVER OPEN INDIVIDUAL BAGS, INDIVIDUAL BAGS SHOULD ALWAYS BE STORED IN THEIR ORIGINAL CONTAINER WHEN NOT IN USE.**

**COOLING WATER SYSTEMS (1 pound bags):** Busan 1350 is used to inhibit the growth of microorganisms in cooling water systems. In noticeably fouled systems, Busan 1350 should be added daily at a rate of 1 to 4 1-lb bag(s) of Busan 1350 per 2000 to 5000 gallons of system water until control is evident. Subsequent additions of 1 to 2 1-lb bag(s) Busan 1350 per 2000 to 5000 gallons of system water to maintain control. The frequency of treatment depends on the severity of the microbiological problem. *For best results the system should be cleaned prior to treatment.*

**COOLING WATER SYSTEMS (4 ounce bags):** Busan 1350 is used to inhibit the growth of microorganisms in cooling water systems. In noticeably fouled systems, Busan 1350 should be added daily at a rate of 1 to 4 4-oz bag(s) of Busan 1350 per 500 to 1000 gallons of system water until control is evident. Subsequent additions of 1 to 2 4-oz bag(s) Busan 1350 per 500 to 1000 gallons of system water to maintain control. The frequency of treatment depends on the severity of the microbiological problem. *For best results the system should be cleaned prior to treatment.*

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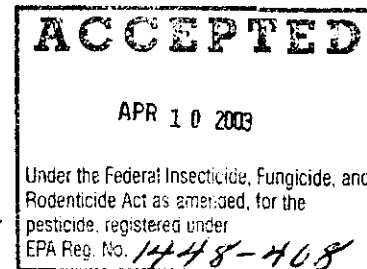


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## BUSAN 1350 Product/Use Information Sheet PETROLEUM SECONDARY RECOVERY



### ACTIVE INGREDIENTS:

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 Methylene bis(thiocyanate).....8.0%  
 INERT INGREDIENTS:.....84.0%

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**PETROLEUM SECONDARY RECOVERY (1pound bags):** Busan 1350 is used to control sulfate-reducing bacteria, slime-forming bacteria and fungi in oilfield water, polymer, or micellar floods, water-disposal systems, and other oilfield water systems at dosage rates of **1 to 4 1-lb bag(s) of Busan 1350 per 4000 gallons of water treated.** Additions should be made continuously or intermittently by means of a metering pump at the free water knockouts, before or after injection pumps and injection well headers. **Intermittent of Slug Method:** When system is noticeably fouled, or to maintain control, add **1 to 4 1-lb bag(s) of Busan 1350 per 1000 gallons of water 1 to 4 times per week,** or as needed to maintain control.

**PETROLEUM SECONDARY RECOVERY: (4 ounce bags)** Busan 1350 is used to control sulfate-reducing bacteria, slime-forming bacteria and fungi in oil-field water, polymer, or micellar floods, water-disposal systems, and other oil-field water systems at dosage rates of **1 to 4 - 4 oz bag(s) of Busan 1350 per 1000 gal of water treated.** Additions should be made continuously or intermittently by means of a metering pump at the free water knockouts, before or after injection pumps and injection well headers. **Intermittent of Slug Method:** When system is noticeably fouled, or to maintain control, add **1 to 4 - 4 oz bag(s) of Busan 1350 per 1000 gal of water 1 to 4 times per week,** or as needed to maintain control.

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## BUSAN 1350

### Product/Use Information Sheet DRILLING, FRACTURING, AND REWORK FLUIDS

**ACTIVE INGREDIENTS:**

2-(Thiocyanomethylthio)benzothiazole.....8.0%  
 Methylene bis(thiocyanate).....8.0%  
**INERT INGREDIENTS:**.....84.0%

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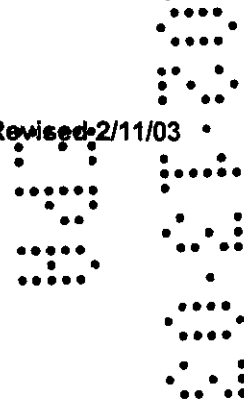
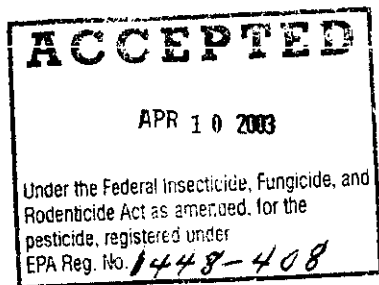
**DRILLING, FRACTURING, AND REWORK FLUIDS (1 pound bags):** To inhibit bacterial and fungal degradation of the fluids or muds used in the drilling, fracturing and rework of oil wells, Busan 1350 is incorporated in the drilling fluid at concentrations of 4 to 24 1-lb bag(s) of Busan 1350 per 1000 gallons of fluid.

**DRILLING, FRACTURING, AND REWORK FLUIDS (4ounce bags):** To inhibit bacterial and fungal degradation of the fluids or muds used in the drilling, fracturing and rework of oil wells, Busan 1350 is incorporated in the drilling fluid at concentrations of 16 to 96 4-oz bag(s) of Busan 1350 per 1000 gallons of fluid.

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## BUSAN 1350

### Product/Use Information Sheet SAPSTAIN AND MOLD CONTROL

#### ACTIVE INGREDIENTS:

2-(Thiocyanomethylthio)benzothiazole.....8.0%

Methylene bis(thiocyanate).....8.0%

INERT INGREDIENTS:.....84.0%

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**SAPSTAIN AND MOLD CONTROL (1 pound bags):** Busan 1350 is used to control sapstain and mold on freshly cut hardwood and softwood lumber, logs, poles, posts and timbers. It is applied by dipping or spraying the wood until complete surface wetting is accomplished. **Use 6 to 24 1-lb(s) bags of Busan 1350 per 100 gallons of water** and agitate vigorously until Busan 1350 is thoroughly dispersed. Rates to be used will vary according to temperature, humidity, wood moisture, storage conditions, etc. Under conditions suitable for aggressive mold growth, the high rate mentioned above should be used. Treatment should be made as quickly as possible after lumber is cut and always within 24 hours after cutting.

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