

NOV 20 1964

OFFICIAL FILE COPY

DIRECTIONS FOR USE

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

FOR USE AS A PRESERVATIVE OF IN INDUSTRIALLY PREPARED WATER BASED SUSPENSIONS (PIGMENT SLURRIES, ADHESIVES, POLYMERS AND STARCHES), AND AS AN ANTIMICROBIAL IN OILFIELD OPERATIONS.

FOR INDUSTRIALLY PREPARED WATER BASED SUSPENSIONS (PIGMENT SLURRIES, ADHESIVES, POLYMERS AND STARCHES) USE

FOR THE PRESERVATION OF CLAY SLURRIES, ADHESIVES, COATINGS AND HIGH VISCOSITY SUSPENSIONS: For preservation of slurries and high viscosity suspensions, Busan 1059 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 1059 at use levels of 0.04-0.11% by weight, based on the total formulation consisting of starch, clay, calcium carbonate or other fillers, disperser, paper coatings, high viscosity suspensions (e.g., polymers, silica polymers, silica polymer emulsions), polyvinyl alcohol, polyvinyl alcohol based adhesives, starch based adhesives, dextrin, etc. For best results, The exact amount of material to be added for the preservation of a given formulation will depend on the components and final storage time of the product. Dosage rates should be determined by actual tests.

FOR OILFIELD OPERATIONS USE

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 pounds of Busan 1059 needed to produce a concentration of 500 ppm (0.18 lb/lb) Busan 1059 in the drilling mud circulating system. For example, 175 pounds of Busan 1059 per 1000 barrels of drilling fluid will produce the proper concentration.

For best results, add Busan 1059 in a thin stream to the fluid while the drilling fluid is circulating.

As the total volume increases, due to greater well depth, add additional Busan 1059 to maintain the proper concentration. Be aware of the wide variation in the amount of solids in the drilling fluid concentration, generally between 10% and 20%. The agent may be pre-dosed.



BUSAN® 1059

ANTI-MICROBIAL AGENT FOR INDUSTRIAL USE

ACTIVE INGREDIENT:

Tetrahydro 3,5 dimethyl 2H 1,3,5 thiazine 2 thione 99%

INERT INGREDIENTS:

TOTAL 100%

KEEP OUT OF REACH OF CHILDREN DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes eye damage and severe skin irritation. Harmful or fatal if swallowed or absorbed through skin. Do not get in eyes or on clothing. Avoid contaminating food. Wear goggles or face shield and rubber gloves when handling.

STATEMENT OF PRACTICAL TREATMENT: If product gets in eyes, flush with plenty of water for at least 15 minutes. Call a physician. In case of skin contact, wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse. If swallowed, call a physician or Poison Control Center. **DO NOT INDUCE VOMITING.** Rinse mouth with copious amounts of water or milk, and give 1 or 2 glasses of water or milk to drink. Avoid alcohol. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate gastric lavage.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not apply for use in estuarine oil fields where drilling fluids (muds) are discharged in the surface water. 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.

PHYSICAL OR CHEMICAL HAZARDS: Solubility in water: 0.2%. Melting Point: 108 °C.

Manufactured by
Buckman Laboratories, Inc.
Memphis, Tenn. 38108, U.S.A.

OILFIELD W
FLOODS F
AND/OR SP
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Busan 1059
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