SPEC-AID 8Q702 ANTIMICROBIAL AGENT

**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 — SPEC-AID 8Q702 is added at a point in the system (raw stock chest, beater and mixer) where it can be uniformly mixed. Application may be continuous or intermittent for a certain number of hours per day or per shift, depending upon system characteristics. Add to 2 to 5 fluid ounces of SPEC-AID 8Q702 per ton of paper produced.

**FOILS, MACHINERY & PAPER PRODUCTION:** Add 3.5 to 5.0 fluid ounces of SPEC-AID 8Q702 per ton (dry basis) of pulp or paper produced for 2 hours every 8 hours. Badly fouled systems must be cleaned before initial treatment.

**CONTINUOUS FEED METHOD:** Apply 2 to 4 fluid ounces of SPEC-AID 8Q702 per ton (dry basis) of pulp or paper produced on a continuous basis. Badly fouled process systems must be cleaned before initial treatment. Consult your GE Betz representative for technical advice concerning certain site problems.

**RECIRCULATING COOLING WATER SYSTEMS:** For control of slime-forming bacteria (cooling towers, evaporative condensers) Bacterial Control: Use 1 to 1.5 fluid ounces of SPEC-AID 8Q702 per 1,000 gallons of water (1.25 to 6.20 ppm active) as a continuous or intermittent treatment, one to three times a week or as required to maintain control. When the system is just noticeably fouled, use 5.8 to 11.6 fluid ounces of SPEC-AID 8Q702 per 1,000 gallons of water (4.5 to 9.8 ppm active) daily or as required to obtain control. Badly fouled systems must be cleaned before treatment is begun. Apply at a point in the system where uniform mixing and even distribution will occur, such as the cooling tower basin or sump.

**OILFIELD DRILLING MUDS AND WORKOVER OR COMPLETION FLUIDS:** For control of slime-forming and/or spoilage bacteria — SPEC-AID 8Q702 is added at a point in the processing system where there will be sufficient time and agitation for good mixing of the 5,000 ppm (1.75 RbB) of SPEC-AID 8Q702 in the drilling mud circulating system. For example, 211 gallons of SPEC-AID 8Q702 at a point in the system where uniform mixing and even distribution will occur, such as the cooling tower basin or sump.

**OILFIELD WATER TREATMENT AND WATER FLOODS:** For control of slime-forming and/or spoilage bacteria — SPEC-AID 8Q702 is added at a point in the processing system where there will be sufficient time and agitation for good mixing of the 5,000 ppm (1.75 RbB) of SPEC-AID 8Q702 in the mud pit to the mud pit while drilling fluid circulates. As the total volume increases due to greater well depth, add additional SPEC-AID 8Q702 to maintain the proper concentration. Because of the wide variation in drilling mud composition and bacterial contamination, greater or lesser amounts of the SPEC-AID 8Q702 may be prescribed.

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**COLD STORAGE AND DISPOSAL:** Do not contain water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Protect from freezing and temperatures in excess of 140°F. Prevent container closure; then do not be wide variation for quills. Add SPEC-AID 8Q702 to a point in the processing system where there will be sufficient time and agitation for good mixing and dispersion. The exact amount of SPEC-AID 8Q702 to be added for the preservation of given formulations will depend upon the specific application, as well as local storage temperature and condition. Dosage rates should be determined by actual test. This product is not cleared for use in the manufacture of adhesives that may come in contact with food.

**THERMAL WORKING FLUIDS:** For the control of fungus and bacteria in metal working fluids that contain water, add 100 to 400 ppm of SPEC-AID 8Q702 to 0.10 to 0.40 gallons per 1,000 gallons of fluid in the collection tank is recommended. Thoroughly mix the fluid after adding SPEC-AID 8Q702 to insure complete dispersion.

**FUEL PRESERVATION:** For control of bacterial and fungal growth in the following liquid hydrocarbon fuels and oils (crude oil, diesel fuel, residual fuel oils, coal slurries, liquefied petroleum gases, kerosene and amines) use corn oil and soya oils. Add a slug dose of 50 - 100 ppm SPEC-AID 8Q702. Repeat as needed to gain control. To maintain control, feed 25 - 50 ppm SPEC-AID 8Q702 once a month or as needed. Should disposal of tank bottom water become necessary, wait at least 48 hours after last SPEC-AID 8Q702 treatment before draining tank. Do not discharge water directly to ground where it can enter streams, lakes or ponds.

**USEs not registered in California**

**SPEC-AID 8Q702**

Active Ingredient:

Methylene bis(2-hydroxytetramine) (thiocyante) 10%

Inactive Ingredients:

Water 90%

**TOTAL:** 100%

**INFORMATIONAL USE ONLY**

**KEEP OUT OF REACH OF CHILDREN**

**POISON**

**First Aid**

- Call a poison control center or doctor immediately for treatment advice.
- Keep person sipp a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.

**If on skin:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for further treatment.

**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.

**If in eyes:**

- Hold eye 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.
- Call a poison control center or doctor for further treatment.

**DANGER**

- Wash the container or label with you when calling a poison control center or doctor or going for treatment.
- Contact 800-877-1940 for additional information.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CORROSIVE:** Causes irreversible eye damage or skin burns. Fatal if swallowed or absorbed through skin.

Do not get in eyes, on skin or on clothing. Do not breathe vapor. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Applicators and all other handlers must wear:

- Coveralls over long-sleeved shirt and long pants. Socks and chemical resistant footwear.
- Goggles or face shield.
- Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or vinyl and Respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with an R, P, or RP filter. For chemical resistant apron must be worn by mixers, loaders and for persons cleaning equipment.

Follow manufacturer’s instructions for cleaning/maintaining PPE. If there are not such instructions for washables, use detergent and hot water. Keep any used PPE separate from fresh laundry.

**PERSONAL HYGIENE:** Wear by mixers, loaders and for persons cleaning equipment.

- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. If pesticide gets inside clothing remove clothing immediately, wash thoroughly, and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of work clothing daily with hot soapy water and change clothing frequently or at the end of each work day. Change work clothing frequently for new and clean clothing to do not apply this product in a way that will contact workers or other persons.

**ENGINEERING CONTROLS:** For application to cooling water systems of > 4,000 Gallons: Do not apply by open pouring of liquid to cooling water systems: a metering pump delivery system is required for this use and application method.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not apply in marine or estuarine oil fields. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the National 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.

**STORAGE AND DISPOSAL:** Do not contain water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Protect from freezing and temperatures in excess of 140°F. Prevent container closure; then do not be wide variation for quills. Add SPEC-AID 8Q702 to a point in the processing system where there will be sufficient time and agitation for good mixing and dispersion. The exact amount of SPEC-AID 8Q702 to be added for the preservation of given formulations will depend upon the specific application, as well as local storage temperature and condition. Dosage rates should be determined by actual test. This product is not cleared for use in the manufacture of adhesives that may come in contact with food.

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**UN2922 CORROSIVE LIQUID, TOXIC, N.O.S.**

**METHYLENE BIS(THIOCYANATE)**

8,6,1, PGII

**Distributed By**

GE Betz, Inc.
436 Somerton Road
Trevose, PA 19053-6753

**EPA Reg. No.** 9306-26-3876

**EPA Est. No.**

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