BE-9C

For use as an algicide, biocide, fungicide, for the control algae, slime forming bacteria, sulfate reducing bacteria, and fungi in enhanced oil recovery systems, oil and gas production and transmission pipelines and systems, gas storage wells and systems, hydrating of pipelines and tanks, pipeline pigging and scraping operations and oil and gas well drilling and maintenance fluids. FOR INDUSTRIAL APPLICATION using closed metered delivery systems only. Open pouring is prohibited. Wear coveralls worn over long-sleeved shirt and long pants, socks, chemical resistant footwear, chemical resistant gloves, and protective eyewear (goggles or face mask).

ACTIVE INGREDIENT:
Tributyl tetradecyl phosphonium chloride..........................................................50.0%
OTHER INGREDIENTS .........................................................................................50.0%
TOTAL..................................................................................................................100.0%

KEEP OUT OF REACH OF CHILDREN
POISON DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

DIRECTIONS FOR USE: (cont'd)
This can be done by loosening the closure prior to fully opening the container. DO NOT OPEN WITH FACE CLOSE TO THE CONTAINER OPENING.
ENHANCED OIL RECOVERY SYSTEMS: NOT FOR USE IN ESTURARINE OR MARINE OIL RECOVERY SYSTEMS. When used as directed this product effectively controls slime-forming and sulfate-reducing bacteria in injection and produced water systems, water disposal systems, and other oilfield water systems. Treat water at critical points in the system such as water or oil storage tanks, surge tanks, oil-water separators, before or after injection pumps, and injection well heads.

DOSSAGE RATES FOR ENHANCED OIL RECOVERY SYSTEMS When the system is noticeably fouled, or to maintain control in the system, add 4.2 to 42 gallons of BE-9C per 1000 barrels of water as a slug dose for 1-8 hours per day, 1-4 times per week.

OIL AND GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS
BE-9C should be added at a point in the pipeline where uniform mixing will occur. The application should be conducted to ensure maximum distribution of BE-9C through the entire internal surface of the pipeline. Follow dosage instructions for enhanced oil recovery systems.

GAS STORAGE WELL S AND SYSTEMS
Individual injection wells should be treated with a sufficient quantity of BE-9C to produce a concentration of 100-1000 ppm BE-9C when diluted by the water present in the formation. Injections should be repeated as needed to maintain control. Individual pipes should be treated with a sufficient quantity of BE-9C to produce a concentration of 100-1000 ppm BE-9C when diluted by the water present in the pipes. Injections should be repeated as needed to maintain control.

HYDROTESTING
Water used to hydrotest pipelines or vessels could contain 100-1000 ppm of BE-9C, depending on water quality and length of time the equipment will remain idle.

PIPELINE PIGGING AND SCRAPING OPERATIONS
Add BE-9C to a slug of water immediately following the scraper (ideally this water volume can be kept to a minimum and contained between the scraper and a trailing pig). Sufficient BE-9C should be added to produce a concentration of 100-1000 ppm BE-9C in the water at the discharge point or pig trap depending on the length of the pipeline and the severity of biofouling. DRILLING, PACKER, COMPLETION, WORKOVER AND FRACURING FLUIDS
BE-9C should be added to these fluids at a point where uniform mixing will occur. Add 100-1000 ppm of BE-9C to a freshly prepared fluid depending on the severity of the contamination.

STORAGE AND DISPOSAL:
Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Keep product dry and store in a cool dry well-ventilated area away from heat or open flame. Store in original container.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or residual 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: 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.

NOTE: Buyer assumes all responsibility for safety and use not in accordance with directions.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER. CORROSIVE: Fatal if absorbed through skin or inhaled. Do not breathe vapor. Causes irreversible eye damage and skin burns. Harmful if swallowed. May be irritating to nose and throat. Do not get in eyes, on skin or clothes. Wash coveralls worn over long-sleeved shirt and long pants, socks, chemical-resitant footwear, chemical resistant gloves and protective eyewear (goggles or face mask). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

PHYSICAL OR CHEMICAL HAZARDS: Do not mix with other chemicals. Mix only with water.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms. 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.

DIRECTIONS FOR USE: (cont’d)
It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions. This product must be loaded and transferred only using a metering-pump system or a close loading/application system. Open pouring is prohibited. Wear coveralls worn over long-sleeved shirt and long pants, socks, chemical-resistant footwear, chemical resistant gloves and protective eyewear (goggles or face mask). Be sure to release any pressure in the container prior to fully opening.
DOT/IMO: 6
Shipping Name: Toxic Liquid, Corrosive, Organic, N.O.S.
UN2927 (Contains Tributyl tetradecyl phosphonium chloride)

DOT/IMO: 8
Shipping Name: Toxic Liquid, Corrosive, Organic, N.O.S.
UN2927 (Contains Tributyl tetradecyl phosphonium chloride solution)