For use as an algicide, bactericide, fungicide, for the control of algae, slime forming bacteria, sulfate reducing bacteria, and fungi in air washers and industrial water scrubbing systems, recirculating cooling water and process water systems including cooling towers, evaporative coolers, brewery pasteurizers, can warmers, and hydrostatic sterilizers and retorts, non-food contact paper and paperboard process water systems (e.g.: brown paper, corrugated sheet, Kraft paper,newspaper, etc.), and enhanced oil recovery systems, oil and gas production and transmission pipelines and systems, gas storage wells and systems, hydrotreating of pipelines and tanks, pipeline piping and scavenging operations, and oil and gas well drilling and maintenance fluids.

FOR INDUSTRIAL APPLICATIONS. This product must be loaded and transferred only using a mechanical means. Open pouring is not allowed.

TOLCIDE® TP5W

Active ingredient:
Trietyl/Tridecyl Phosphonium Chloride. 

OIL, GAS AND PRODUCTION: This product should be added at a spot in the pipeline where uniform mixing will occur. The application should be to maintain minimum concentration of 100-10,000 ppm of this product when diluted by the water flowing through the system.

DANGER. CORROSIVE. Causes irreversible eye damage and skin burns. Fatal if swallowed, inhaled or absorbed through skin. DILUTIONS: For use as an evaporative coolers, brewery pasteurizers, can warmers, and hydrostatic sterilizers and retorts, non-food contact paper and paperboard process water systems (e.g.: brown paper, corrugated sheet, Kraft paper, newspaper, etc.), and enhanced oil recovery systems, oil and gas production and transmission pipelines and systems, gas storage wells and systems, hydrotreating of pipelines and tanks, pipeline piping and scavenging operations, and oil and gas well drilling and maintenance fluids.

PRECAUTIONARY STATEMENTS:

DANGEROUS TO HUMANS AND DOMESTIC ANIMALS.

KEEP OUT OF REACH OF CHILDREN.

Treat symptomatically. Eye and skin contact symptoms include severe burns, redness, pain, and corrosion. Wash thoroughly with soap and water after handling and before eating, drinking, or smoking. Call a poison control center or doctor immediately for further treatment advice.

STORAGE AND DISPOSAL:

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Do not contaminate water, food, or feed by storage and disposal. When microbial control is evident, add 13 to 38 fluid ounces of product to the system, as appropriate to the concentration of 100-10,000 ppm of this product when diluted by the water flowing through the system.

For use as an evaporative cooler, the product should be added at a point where uniform mixing will be obtained prior to discharge. Do not discharge effluent containing this product to sewer systems or water treatment facilities unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in advance of the use intent.

This product contains Methanol. Methanol may cause blindness. This product should be added to these fluids at a point where uniform mixing will be obtained.

INFORMATIONAL HAZARDS:

EMERGENCY CONTACT INFORMATION:

DANGER: POISON-GEL. This product contains Methanol. Methanol may cause blindness. For use as an evaporative cooler, brewery pasteurizers, can warmers, and hydrostatic sterilizers and retorts, non-food contact paper and paperboard process water systems (e.g.: brown paper, corrugated sheet, Kraft paper, newspaper, etc.), and enhanced oil recovery systems, oil and gas production and transmission pipelines and systems, gas storage wells and systems, hydrotreating of pipelines and tanks, pipeline piping and scavenging operations, and oil and gas well drilling and maintenance fluids.

ENVIRONMENTAL HAZARDS:

This product should be added at a point in the pipeline where uniform distribution of product through the entire internal surface of the pipeline. Follow dosing instructions for enhanced oil recovery systems.

DRILLING, PACKING, COMPLETION, WORKOVER AND FRACTURING FLUIDS:

This product should be added to these fluids at a point where uniform mixing will occur. Add 10-100 ppm of this product to a federally approved fluid. Depending on the severity of contamination.

HYDROTREATING:

Water used to hydrotreat pipelines or vessels should contain 10-100 ppm of product, depending on water quality and length of time the facilities will remain idle.

PIPELINE PIGGING AND SCRAPING OPERATIONS:

This product should be added to these fluids as a sludge pigs and scrapers. A maximum concentration of 10-100 ppm of this product in the water at the discharge point or pig trap is recommended.

PULP, PAPER, AND PAPERBOARD MILLS: This product is ONLY FOR USE IN KOOL-OIL application equipment or mixer tanks. For use as an evaporative cooler, the product should be added at a point where uniform mixing will be obtained prior to discharge. Do not discharge effluent containing this product to sewer systems or water treatment facilities unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in advance of the use intent.

This product is effective at controlling microbial growth and biofilm in pulp, paper and paperboard process water systems including white water systems. Treat water at critical areas in the system necessary to maintain control.

This product is only for use in non-food applications, such as brown paper mills, sheet for mulching systems, and enhanced oil recovery systems. Do not induce vomiting unless told to do so by a poison control center or doctor. For use as an evaporative cooler, the product should be added at a point where uniform mixing will be obtained prior to discharge. Do not discharge effluent containing this product to sewer systems or water treatment facilities unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in advance of the use intent.

The product must be injected at a point, such as in a riser, manifold or makeup feed water line, where uniform mixing will be obtained.

This product should be added at a point in the pipeline where uniform distribution of product through the entire internal surface of the pipeline. Do not discharge effluent containing this product to sewer systems or water treatment facilities unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in advance of the use intent.

In addition, do not induce vomiting unless told to do so by a poison control center or doctor.