



VERICHEM

TECHNICAL DATA SHEETS

VERICIDE BRONOPOL EPA REGISTRATION NO. 67869-37

DESCRIPTION

VERICIDE BRONOPOL is a concentrated free-flowing crystalline microbiocide for use in controlling bacteria and algae found in industrial application and also a preservative to inhibit bacterial spoilage during manufacture, distribution, use and storage of industrial, consumer, household and institutional products. Not for the control of algae in the State of California. Chemically, VERICIDE BRONOPOL is a 99% crystalline solid form of 2-Bromo-2-Nitro-1, 3-Propanediol (CAS# 52-51-7).

SYNONYMS:..... Bronopol
CHEMICAL FAMILY:..... N/A
MOLECULAR FORMULA: $C_6H_6N_2Br_2$
MOLECULAR WEIGHT: 200

TYPICAL PROPERTIES

APPEARANCE AND ODOR:..... White to yellow crystalline solid with a slight odor.
BOILING POINT: N/A
MELTING POINT: 125 – 130° C
BULK DENSITY: N/A
SPECIFIC GRAVITY 1.894 g/cm³ @20° C
VAPOR PRESSURE: 0.066 pascals @42°C
PERCENT VOLATILE (BY WEIGHT): N/A
pH: 4.5- 8.5
SATURATION IN AIR (PERCENT BY VOLUME): Unknown
EVAPORATION RATE: Unknown
SOLUBILITY IN WATER: Soluble

REGISTRATIONS & APPROVALS

VERICIDE BRONOPOL is registered by the U.S. Environmental Protection Agency (EPA Registration No. 67869-37) as a microbiocide for use in controlling Industrial Recirculating Water Cooling Towers and Evaporative Condensers, Oil and Gas Fluids, Oil Process Waters, Oil and Gas Pipeline and Tank Maintenance, Metal working Fluids, Paper Mill Process Water Systems, Paper Mills – Bulk Pulp, Adhesives, Absorbent Clays, Starch, Pigment and Mineral Slurries, Paints and other Emulsion Systems, Water Based Printing Inks and Fount Solutions, Water Based Agricultural Pesticide Concentrates, Consumer, Household and Institutional Products; Surfactants and Raw Materials.

FDA approval under 21 CFR 175.105, 176.170, 176.300 (2-Bromo-2-Nitro-1, 3-Propanediol; (CAS# 52-51-7).

REACTIVITY DATA

Stability Data: Stable
Incompatibility Data: Amines, Metals, Strong Alkalies
Conditions/Hazards to Avoid: Alkalies, Heat
Hazardous Decomposition/Polymerization: Hazardous polymerization will not occur
Corrosive Properties: Not Corrosive
Oxidizer Properties: Not an oxidizer
Hazardous decomposition Products: hydrogen bromide, oxides of nitrogen

PACKAGING

VERICIDE BRONOPOL is available in 50 pound (25 kg) fiber drums.

NOTICE

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instruction. The information of this Data Sheet is offered solely for your information, consideration, and investigation and represents our current data and best opinion as to the proper use of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user. This information is provided without warranties, either express or implied, and we assume no responsibility for the accuracy or completeness of the data contained herein.



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CHEMICAL SOLUTIONS FOR MICROBIOLOGICAL PROBLEMS