

JMN SPECIALTIES, INC.

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PRODUCT BULLETIN

SPEC-CIDE 50

EPA Registration Number 448-422-65064

General Description

SPEC-CIDE 50 is an EPA registered micro biocide for controlling slime-forming bacteria, sulfate reducing bacteria, fungi, yeast and algae in paper mills and paper mill process water systems, pigments and filler slurries for food contact and paperboard, non-food contact water-based coatings for paper and paper board, air washers, recirculating cooling water systems, heat transfer systems, and oil well drilling and oil field processing applications. **SPEC-CIDE 50** should be added at the application rates described below, to a water treatment system at a convenient point of uniform mixing such as the basin area. Addition may be made intermittently (SLUG DOSE) or continuously. Badly fouled systems can be shock treated with **SPEC-CIDE 50**. Under these conditions, blowdown should be discontinued for up to 24 hours.

INTERMITTENT (SLUG DOSE) METHOD:

Initial Dose: When the system is noticeably fouled, add 23.0 – 46.0 fluid ounces (200-400 ppm) of **SPEC-CIDE 50** per 1,000 gallons of water in the system. Repeat until control is achieved. Subsequent Dose: When microbial control is evident, add 9.2 – 23.5 fluid ounces (80-200 ppm) of **SPEC-CIDE 50** per 1,000 gallons of water in the system per day, or as needed to maintain control. Badly fouled systems must be cleaned before treatment begins.

CONTINUOUS FEED SYSTEM:

Initial Dose: When the system is noticeably fouled, add 23.0 – 46.0 fluid ounces (200-400 ppm) of **SPEC-CIDE 50** per 1,000 gallons of water in the system. Subsequent Dose: Maintain these treatments by starting a continuous feed of 9.2 – 23.0 fluid ounces (80-200 ppm) of **SPEC-CIDE 50** per 1,000 gallons of water in the system per day. Badly fouled systems must be cleaned before treatment begins.

Physical Properties

Appearance / Odor	Clear Liquid / Fruity
Specific Gravity	1.01 - 1.015
pH, neat	3.5 – 4.5
Flash Point	> 212°F

Availability

SPEC-CIDE 50 is available in 5 gallon pails, 55-gallon drums, tote tanks, and bulk quantities.

Handling

Normal precautions should be followed for handling biocides. Concentrated **SPEC-CIDE 50** is corrosive to galvanized iron, aluminum, tin and zinc. In dilution form, product is safe to use on all metals and plastics. Observe warning label on containers. Normal precautions for industrial chemicals apply. This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this product to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of the Seller.

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