



MURRYSVILLE BUSINESS PARK • 101 TECHNOLOGY LANE • EXPORT, PA 15632 • (888) 247-2312 • FAX (724) 325-4522

TECHNICAL DATA SHEET

ADENA 6666/5845

PRODUCT #AD6666

AmCide 5845

Description

AmCide 5845 is a 45% glutaraldehyde based biocide. It is used to control the growth of slime-forming bacteria, sulfate reducing bacteria, and algae in cooling towers, air washers, pasteurizers, RO systems, and other recirculating water systems.

Advantages

AmCide 5845 is able to remove established biofilm and to inhibit regrowth. It has a broad spectrum of activity, killing aerobic and anaerobic microorganisms, including algae. It is chemically compatible with most common scale and corrosion inhibitors and dispersants. It reduces the population of sessile microorganisms known to cause corrosion and reduce heat exchange efficiency. It is non-corrosive and non-foaming.

AmCide 5845 has shown excellent efficacy against *Legionella*. It is considered the most effective non-oxidizer against *Legionella*. It is superior in its activity against biofilms and sessile bacteria. Biofilms and biofouling not only contain colonies of microorganisms, but also a combination of cellular byproducts, entrained debris and inorganic materials which cause significant energy losses and accelerate corrosion of metals and wood.

Directions

AmCide 5845 must be handled with care. AmCide 5845 is not compatible with strong acids, strong caustics or alkaline impurities (such as amines). It is important to avoid contact with the liquid and inhalation of the vapors. Protective gloves, face shield, goggles, cover-alls, and suitable respiratory protection should be worn. Eye baths and showers should be located nearby. Since the odor threshold of the glutaraldehyde is 0.04 ppmv and the TLV is 0.2ppmv; a margin of safety exists once the odor of glutaraldehyde is detected. The irritation threshold (nose and/or eye) of glutaraldehyde is 0.3ppmv. Thus if vapors are strong enough to be irritating to the nose and/or eyes, the TLV is probably being exceeded and special ventilation and/or respiratory protection may be required.



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Add AmCide 5845 at a point of uniform mixing although continuous addition can be employed. Determine the size of the system in gallons and add the appropriate amount of AmCide 5845. The frequency of addition will depend on the condition of the system. The precise treatment regimen should be adjusted according to the response of each individual system. Add AmCide 5845 at an initial slug dose of 111-222 ppm and subsequent dose of 44-111ppm. Add AmCide 5845 continuously at 111-ppm initially and 22-111 ppm subsequently, once microbial control is evident.

*See MSDS for complete health and safety data.


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WATER TREATMENT SERVICE
