

ISOCIL RW™

Isocil RW is an EPA registered industrial microbiocide for use as directed in the approved EPA label in recirculating water cooling towers, wood, mold and mildew control, pulp and paper mills, oil field injection waters and air washer systems.

Active Ingredients

	<u>% WT/WT</u>
5-Chloro-2-methyl-4-isothiazolin-3-one	10.8%
2-Methyl-4-isothiazolin-3-one	3.83%
Total active ingredients	14.0%

Inert Ingredients

Magnesium salts	22.2%
Water	~61%

Typical Properties

Appearance	Clear Liquid
pH	2-4
Lbs per gallon	10.4

Compatibility

Isothiazolinones are generally compatible with most components of industrial formulations. However, the presence of a few agents will cause degradation of the active ingredients (and therefore some care is necessary). Agents such as thiols, mercaptans, secondary amines, sulfides and other nucleophiles are to be avoided in formulations. Conditions of high heat for long periods of time (> 50°C) and pH above 9 will lead to loss of activity.

Regulatory Information

This product is registered with the EPA FIFRA under 6836-239

Safety and Handling

Isothiazolinones at 14% active, are corrosive and potential skin sensitizers. As such, keeping these solutions away from the skin is essential. Due diligence must be maintained at all times while handling these materials. When working with Isocil, ensure that workers will not come in direct contact with the product. Proper selection of personal protective equipment is essential. Even if the slightest spill were to be absorbed onto a worker's clothing, it may work its way through and cause a delayed skin burn. If significant aerosolization is expected, then the appropriate self contained breathing apparatus is required.

For more information contact Lonza's Technical Information Service at 800-365-8324 or contact.allendale@lonza.com

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