

AXCIDE

LXE

GENERAL

Product Name	AXCIDE LXE
Composition	Copper nitrate, 2-Methyl-4-isothiazolin-3-one and 5-chloro-2-methyl-4-isothiazolin-3-one
Appearance	Colourless to pale blue-green clear liquid

SPECIFICATIONS

Properties	Typical Value
Active Content,%	> 1.5
5-chloro-2-methyl-4-isothiazolin-3-one / 2-Methyl-4-isothiazolin-3-one	(2.5-3.3) / 1.0
pH @20°C	2.0-5.0
Specific Gravity@20 °C, g/cm3	1.020-1.05
Refractive Index	1.3390-1.3450

PACKING

200 kg plastic drum

APPLICATIONS

AXCIDE LXE is an active biocide; it can control the growth of a wide spectrum of microorganisms - bacteria, mould, fungi and yeasts. It is specially formulated for metal work lubricants and also can be used as radiator coolant. Moreover, it is low toxicity, biodegradable and friendly to environment. The optimal recommended dosages are 0.1-0.3% in metal work lubricant formulations. It can be added at any stages of production, it needs to stir completely before adding into the process.

Minimum Inhibitory Concentration of AXCIDE LXE (MIC Value,%)

Bacteria	MIC,%	Yest	MIC,%	Moulds	MIC,%
<i>Alcaligenes faecalis</i>	0.0125	<i>Candida femata</i>	0.025	<i>Aspergillus niger</i>	0.025
<i>Bacillus subtilis</i>	0.025	<i>Rhodo torula</i>	0.025	<i>Asperlligus oryzae</i>	0.025
<i>Brevibacterium ammoniagenes</i>	0.050	<i>Saccharomyces cererisiae</i>	0.050	<i>Rhizopus stolonifier</i>	0.012
<i>Enterobacter aerogenes</i>	0.012			<i>Chaetomium globasum</i>	0.050
<i>Escherichia coli</i>	0.025			<i>Penicillium variabile</i>	0.012
<i>Staphylococcus aureus</i>	0.100			<i>Trichophyton mentagrophtes</i>	0.006
<i>Pseudomonas cepacia</i>	0.025				
<i>Entero coccus</i>	0.200				

TRANSPORT INFORMATION

Non-DG

The above information is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control.

WaterChem Pte Ltd

48 Toh Guan Road East, #02-149 Enterprise Hub, Singapore 608586

Tel: +65 6465 3268 Fax: +65 6465 3269

Email: ronaldau@waterchem.sg

www.waterchem.sg