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English Version



## 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

<u>Properties</u>	<u>Typical Value</u>
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,%)

<b>Bacteria</b>	<b>MIC,%</b>	<b>Yest</b>	<b>MIC,%</b>	<b>Moulds</b>	<b>MIC,%</b>
<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>Asperligus 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

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