

## AXCIDE

# Glutaraldehyde NM45

### GENERAL

Chemical Name	Modified Glutaraldehyde
Appearance	Clear, yellowish liquid

### SPECIFICATIONS

<u>Properties</u>	<u>Typical Value</u>
Total Content of Glutaraldehyde (%):	45 min
pH @25°C	6.0-8.0
Specific Gravity, g/ml @20°C	1.110-1.118
Solubility	Water soluble

### PACKING

Available in 200kg -PE drums.

### APPLICATIONS

*Glutaraldehyde NM45* is specially formulated for leather industries and it is free from formaldehyde. It is a liquid intermediate, suitable for leather tanning. It is effectively to increase dye absorbability, smoothen leather surface, brighten leather colour, durable for washing, and increase strength of leather. It can use in acidic, neutral or alkaline conditions, the ideal chemical concentration is 2-5% and the pH range can be 4-5 or 7-8, but the ideal pH is 7.0. The ideal concentration of chemical dosages will depend on different types of leather, which have shown in the following table.

#### The Ideal Chemical Dosages

Conditions	Pig skin clothing leather	Sheep skin clothing leather	Cow skin sofa leather	Pig skin fabric surface leather
Temperature, °C	35-38	24	35	33-37
Chemical dosages, %	2-3	2.5	2-3	2.5
Rotation Time (hrs)	1	1.3	0.5	1
Over-night dosages, %	0.5-1.0	1.0	0.5-1.0	0.5-1.0

### TRANSPORT INFORMATION

Non-Class

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.

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