



Smart Chemistry

# ZSIVIRA

## POLCIDE L40

<i>Description</i>	<i>Preservative used in Beamhouse</i>
<i>Appearance</i>	<i>Clear Slightly Pale Yellow liquid.</i>
<i>pH - value 1 : 10</i>	<i>9 – 12.5</i>
<i>Freezing Point</i>	<i>-5°C</i>
<i>Shelf life</i>	<i>Up to 1 year at temperatures between 5 and 40° C.</i>
<i>Solids</i>	<i>Min 40%</i>
<i>Solubility</i>	<i>Freely soluble in water</i>

### Field of application :

*Broad spectrum usage as Algaecide, Bactericide, Fungicide.*

### Properties :

- *POLCIDE L40 when used in soaking solution avoids uncontrolled microbiological growth like fungus and bacteria.*
- *Avoids bad odour caused by fungus and mould growth.*
- *Compatible with all soaking and unhairing agents.*

### Minimum Inhibitory Concentration Data (MIC)

<b>MICRO-ORGANISM</b>	<b>M.I.C (ppm)</b>
<i>Staphylococcus Aureus</i>	<i>25 ppm</i>
<i>Bacillus Megaterium</i>	<i>25 to 50 ppm</i>
<i>Citrobacter Intermedium</i>	<i>50 ppm</i>
<i>Enterobacter Aerogenes</i>	<i>250 ppm</i>
<i>Pseudomona Aeruginosa</i>	<i>1500 to 2000 ppm</i>
<i>Aspergillus Niger</i>	<i>≤ 50</i>
<i>Penicillium Caseicollum</i>	<i>≤ 50</i>
<i>Aureobasidium Pullulans</i>	<i>25 – 50 ppm</i>

The above information on application on leather is given in accordance to the best of our knowledge and our lab applications. As the usage of the product by the consumer is not under our control, we are not liable for any sort of claims or reimbursements. The product is given without any guarantee/warranty in connection to end use.

**ZSIVIRA CHEMIE MERK PRIVATE LIMITED**

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### Usage Quantities:

*Salted Hides : 0.01 to 0.04% on Hide weight*  
*Raw Hides : 0.01 to 0.02% on Hide weight*

*Normally 0.05 to 0.1% is needed for soaking upto 6 hours based on hide weight.*

*For Soaking Overnight it is recommended to use 0.1% to 0.2%.*

*For fresh hide preservation for 3 days after adding 100% water 0.3% POLCIDE L40 is added on hide weight and it is adviced to run one hour at first stage and followed by running one minute running for every two hours.*

*For Longer preservation 0.1% POLCIDE 40 is to be added every day.*

*Note : The product being combination of various raw materials, there are chances of variations in colour and viscosity. The property and Application of the product will remain same.*

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