

## UNITAN LEATHER TANNING AGENTS / Formulae

### 6. Wet-blue Shoe Upper Heavy Vegetable Retanning (UNIQUE CHD)

Wet – blue shaved 1,4 mm. % over shaved weight

|      |      |                           |                            |
|------|------|---------------------------|----------------------------|
|      | 200% | Water 40°C                |                            |
|      | 0,3% | Degreasing agent          |                            |
|      | 2%   | <b>UNICLAR</b>            |                            |
|      | 0,5% | Synthetic oil             | Run 60 min - Drain-        |
| Wash | 300% | Water 35°C                | Run 10 min - Drain-        |
|      | 80%  | Water 30 °C               |                            |
|      | 2%   | Sodium formiate           |                            |
|      | 2%   | Neutralizing Synthetic    | Run 30 min /pH: 4,2/4,5    |
|      | 2%   | Phenolic Syntan           |                            |
|      | 4%   | <b>UNIQUE JR</b>          | Run 60 min                 |
|      | 1%   | Lecithin acid             | Run 20 min                 |
|      | 10%  | <b>UNIQUE CHD</b>         |                            |
|      | 2%   | Dyestuff                  | Run 40 min                 |
|      | 0,5% | Sulphated neat's foot oil | Run 20 min                 |
|      | 10%  | <b>UNIQUE CHD</b>         |                            |
|      | 5,0% | Melaminic resin           | Run 30 min                 |
| Add  | 80%  | Water 50 °C               | Run 5 min                  |
|      | 4,0% | Styrenomaleic resin       | Run 20 min                 |
|      | 2.0% | Synthetic sulphited oil   |                            |
|      | 4.0% | Lanolin oil               |                            |
|      | 3,0% | Sulphated neat's foot oil |                            |
|      | 0,5% | Raw foot oil              | Run 45 min                 |
|      | 1,0% | Formic Acid               | Run 30 min pH: 3,6 -Drain- |
| Wash | 300% | Water 25°C                |                            |
|      | 0,5% | <b>UNICLAR</b>            | Run 10 min - Drain -       |

**Pile rest / Drain / vacuum 60°C / 90 seg. / hang / conditioning.**