

K-THIO N 5

Product Information

Chemical and physical characteristics

Appearance: liquid colorless / pale yellow

Active Principle : aqueous solution of sodium dimethyl dithiocarbamate

pH: 9-10

Active Contents: 40% ± 2%

Water Solubility: complete

Density at 20° C: 1,18 g/cm³

Storage Stability: If correctly stored and kept in the original sealed package, the product has a shelf life of 1 year. Temperatures below 10 °C and above 40 °C should be avoided. The product is sensitive to frost below 5 °C. At temperatures below 10 °C certain components of the product may crystallise. These can be dissolved again by heating the product to 35 - 40 °C. During storage a small amount of sediment may form. For production of sensitive products, we recommend filtering the solution prior to use.

Characteristics

K-THIO N 5 is a biocide widely used in tannery to control the development of bacterial flora in the care of leathers during soaking and re-tanning phase.

The utilisation of **K-THIO N 5** helps to reduce stain on leathers due to unsuitable storage and it guarantees the reduction of problems caused by micro-organisms during the following phases of leather working.

It is necessary to remember that storage damages on leathers are often irreversible.

Percentages

The percentages of utilisation of **K-THIO N 5** in soaking phase is 0,12% referred to total weight of leathers and bath; the product can be poured directly in the bath before adding leathers

The above quantity can vary depending on the condition of preservation of leathers:

Salted skins fresh Kg 200

Water Lt 400

total weight Kg 600

K- THIO N5 0,12% Kg 72

This information is for guidance only