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# ISOPAL<sup>®</sup> CT2

**Levelling agent at low foam, especially in dyeing with direct dyestuffs and for garment dyeing**

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## General properties

<b>Basis</b>	alkylamine derivative
<b>Appearance</b>	brown limpid liquid
<b>pH 10 g/l solution</b>	7.0
<b>Ionic character</b>	non ionic
<b>Density at 20°C</b>	1.0 g/cm <sup>3</sup>
<b>Appearance of the aqueous solution</b>	limpid
<b>Stability to hard water</b>	good up to 30° dH
<b>Stability to pH variations</b>	very good from pH 2 to pH 13
<b>Electrolytes stability</b>	very good even at 50 g/l sodium chloride and sulphate
<b>Compatibility</b>	compatible with products and dyes of all chemical categories
<b>Storage stability</b>	very good at room conditions for 12 months.

02/07

## **Properties**

ISOPAL CT2 is a levelling agent specific for the cotton, linen and cellulose fiber dyeing with direct, reactive and indanthrene dyes.

ISOPAL CT2 offers a wide possibility to be used in consideration of its high stability to the different application conditions and to its moderate foaming power.

These are the main characteristics of ISOPAL CT2:

- minimum possibility of foam formation and so it can be used on high turbulence equipment such as jet and washing machine for garment dyeing;
- good levelling effect, with high retarding power overall at the beginning of the dyeing;
- good levelling effect; it is therefore suited for the recovery of the uneven dyes.

## **Preparation of solutions**

ISOPAL CT2 solutions are prepared by simple dilution, under light stirring, in soft water, at room temperature.

## **QUANTITY TO BE USED**

They vary normally from 0.2 to 2% p.m., for bath ratios from 1:10 to 1:20. Lower quantities are used for intense dyes, while for brighter dyes or for high affinity materials (e.g. mercerized cotton) it is opportune to operate with higher quantities.

Dyeing modalities are those indicated by the Dyes' Manufacturers.