

## SUPER SOLVE-TG

### Leather Auxiliary

#### Technical Information

##### Properties :

*Non-ionic colourless, transparent solvent which is very slow evaporating and is freely soluble in water. It increases the solubility of water soluble dyes in drum dyeing. It is based on a mixture of polyoxy ethyl ethers*

<b>Appearance</b>	:	Colourless, transparent liquid.
<b>Character</b>	:	Non-ionic
<b>Active Content</b>	:	98% ± 2%
<b>Boiling Point</b>	:	Around 200 <sup>0</sup> C
<b>Flash Point</b>	:	Above 200 <sup>0</sup> F
<b>Freezing Point</b>	:	<b>Below 5<sup>0</sup>C</b>
<b>Caution</b>	:	The product is inflammable and must be stored or handled away from flame or heat.

##### Behaviour :

It is very slow evaporating solvent, Freely soluble in water. It increases the solubility of water soluble dyes and also solvent soluble dyes due to its solvent character. However, being very slow evaporating and hygroscopic it should be used in spray dyeing only in small quantity. Use of SUPER SOLVE\_TG insures uniform dyeing free from specks due to the complete dissolution of the dyes. It use in dyeing allows deeper penetration of dyes and fatliquors.

##### Application :

In drum dyeing the required quantity of cationic and ionic or metal complex dyes are pasted with equal quantity by weight of SUPER SOLVE-TG. Boiling water up to 20 times of the total mixture is then added while stirring till the dye is dissolved. The mixture can now be added to the dye drum.

For making stock solution of solvent soluble dyes, use equal quantity of SUPER SOLVE-TG on the weight of the dye, to make uniform paste dilute with further solvent to get a saturated solution.

This can be stored for prolonged period for ready use. Airtight containers are necessary for storing stock solvent dye solution. These dyes solutions can be used in aqueous pigments formulations to increase the intensity of shades. They can be used as effect coat in semi aniline finishing. Normal concentration of such solution is between 4.7 to 10% depending on the solubility of the dye used.

Use of SUPER SOLVE-TG with the dye or with the fat liquor produces an effect of a solvent based fatliquor due to very slow evaporation rate of this solvent.

***Recommendations are based on current knowledge and experience but without engagement and warranty.***