

Characteristic	complexactive emulsifiers combined with native and synthetic oils
Appearance	light, beige, paste
Concentration	56 % ± 2 DIN 51 777
pH Value:	7,5 ± 1 (1:10) DIN 53 345
Ionity	anionic
Light Fastness*	3-4 ± DIN 54 004
Heat Yellowing*	DIN 54 001 70° C / 72 h 4-5 135° C / 1h 4-5
Preparation	emulsify with water at 60 °C while stirring intens ively
Storage Stability (Months)	12
Field of Application	it is recommended to fatliquor all kinds of soft chrome tanned leather and especially for hydrophobic articles
Properties	<ul style="list-style-type: none"> - it can be used alone or combined with other emulsifiable and /or neutral oils - even if low quantities are used , a satisfactory softness can be obtained - typical lardaceous, soft handle, uniform dyeing and good light fastness - a suitable working process before and after fatliquoring can increase the hydrophobing effect; very interesting penetrometer values are achieved - precipitations may occur with complexing minerals - the hydrophobing effect can be obtained by a fixation with mineral salts that is usually carried out in a separate float; a possible reaction with metal-complex based dyestuffs and mineral tanning agents in the fatliquoring float has to be tested separately - it is stable to the electrolyte concentrations usually applied in main fatliquoring - it has a high emulsifying power on non treated oils and can therefore be combined with neutral oils in order to change the surface fatliquoring effect; the amount of neutral oil depends on the suitable type of oil and applied float condition
Application	<ul style="list-style-type: none"> - for garment leather (sheep) 7-15 % on shaved weight - for garment leather (bovine) 10-18 % on shaved weight; up to 15 % on shaved weight can be recommended; concentration should be selected according to thickness and desired effect - for upholstery 18% on shaved weight; it is recommended to mix with other suitable fatliquors to help its penetration - for waterproofed upper leather 8-12% on shaved weight
Storage Behavior	below room temperature it will steadily increase its viscosity and solidifies at

approx. 0 °C; by warming up at room temperature while stirring well, it is usable again

(* Tested on non retanned leather