CALBE CHEMIE

PRODUCT INFORMATION

UNI STAB C-41/E-6
Stabilizer *STAB-WL*

UNI STAB is a 1-part Stabilizer for washless processing (STAB-WL) of colour negative films in minilab process C-41 RA. A further application is the use of UNI STAB as Stabilizer (final bath) in processes C-41 PRO and E-6, designed for hanger and continuous machines.

UNI STAB C-41/E-6 STAB-WL **Pack with 2 x 0.5 L conc. for 2 x 10 x 10 L** **REF 13710**
for 2 x 2500 films 135-24. Comes in dosage bottles with dosage heads.

WL stands for washless/waterless application, i.e. the use of a chemical Super Stabilizer instead of a water wash in process C-41 RA. UNI STAB is used in a cascade of 3 tanks, the replenisher is fed into the last tank of the cascade, the corresponding overflow is led into the tank in front of. The cascade is continued until the first tank. The resulting final overflow is to be disposed of.
UNI STAB is also used as final bath (Stabilizer) in hanger and continuous machines for C-41 Pro and E-6, applied directly after the water wash .

MIXING OF REPLENISHER

Water		UNI STAB conc.		Replenisher	
1 L	+	5 ml	=	~ 1 L	
5 L		25 ml		~ 5 L	(25 ml = 1 full dosage head)
10 L		**50 ml**		**~ 10 L**	(50 ml = 2 full dosage heads)
100 L		500 ml		100,5 L	

MIXING OF WORKING SOLUTION

Working solution = Replenisher

Working solution and replenisher are identical. No Starter or different dilution required.

Mixing of working solution is required, when the working tank of the machine is to be refilled, e.g. when installing a machine or after cleaning the tank during maintenance work.

Mixing can be carried out in an external mixing tank or directly in the Stabilizer working tanks. Mixing in the working tanks is particularly convenient and simple, but the exact volume of the working tanks must be known - if necessary, gauging the tanks.

The required quantities of water and UNI STAB concentrate must be multiplied according to the size of the respective Stabilizer working tank.

Fill the calculated amount of water into the empty tank, then add UNI STAB concentrate. Any small shortfalls up to the overflow can be topped up with water.

Mixing is achieved by circulation of the working solution. Warm water shortens the heating time of the machine.

CALBE CHEMIE

PROCESSING PARAMETERS C-41 RA

Replenishment rates: 40 ml/135-24 | 35,4 ml/Meter Film 135 | 73,0 ml/Meter Film 120

Temperature: 24-41°C
Time: ca. 3 x 20 s

PROCESSING PARAMETERS C-41 PRO & E-6

Replenishment rates:	**C-41 Pro***	**E-6***
	66 ml/135-36	59 ml/135-36
	63 ml/120	56 ml/120
		1100 ml/m²

Temperature: 24-41°C
Time: ca. 60 s
* hanger machines

Replenishment rates given are guide values, higher rates are possible without restriction, as UNI STAB working solution and replenisher are identical. With low machine utilisation and correspondingly longer downtimes, a higher replenishment rate can be adjusted without any restriction, it has a favourable effect on the cleanliness of the working tanks.

OCCUPATIONAL SAFETY

Handling of photographic chemicals is safe, if used properly and protective measures are followed. Hazard and precautionary information can be found on the label (H and P phrases, hazard symbol) and in the safety data sheet. Personal protective equipment should include safety goggles or face shield, protective gloves and a lab coat or apron.

STORAGE

UNI STAB C-41 /E-6 concentrates should be stored dry, frost-proof and out of the reach of children. The maximum temperature range is between 5°C and 25°C. Storage temperatures between 10°C and 20°C are ideal.

SHELF LIFE

UNI STAB C-41/E-6 concentrates in unopened, originally sealed bottles and canisters have a shelf life of approx. 2 years.

TANK CLEANING

The UNI STAB formula is equipped with a special broad-band biocide to suppress the formation of bio slime. System related, bio slime cannot be completely prevented—therefore it may become necessary to prepare fresh UNI STAB working solution from time to time if required. Cleaning and rinsing of the UNI STAB tanks just with water is usually not sufficient; it is recommended to disinfect tanks, pumps and hoses in order to delay the formation of bio slime again. Probate agents are available e.g. in drugstores.

DISPOSAL

Photographic chemicals - concentrates or used baths - must not be discharged into the public sewer system. These chemicals must be discarded by commercial waste treatment companies, who properly dispose of in accordance with legal regulations. Further information can be found in the safety data sheet.

CALBE CHEMIE
Calbe Chemie GmbH
Stadtfeld 31 · D-39240 Calbe
+ 49 (0)39291 425-0
www.calbe-chemie.de · info@calbe-chemie.de

190724

Made in Germany