

ARS-IMAGO #9

FILM DEVELOPER - HIGH CONCENTRATE

The **ARSIMAGO #9 FILM DEVELOPER** is a highly concentrated, high energy, mildly compensating one-shot developer for processing black and white films.

Prepared with the original Agfa Rodinal formula tested for over a hundred years, it is one of the oldest and most versatile developer ever produced, used and known all over the world and it can boast one of the most complete collections of development chart times. The concentrated solution can be diluted to adapt to all types of negatives. This developer guarantees good contrast control and an accurate grain rendition without softening or excessive grain crumpling with excellent sharpness. The concentrated chemical's shelf life is practically unlimited in its original packaging and it keeps its quality for a long period of time after opening.

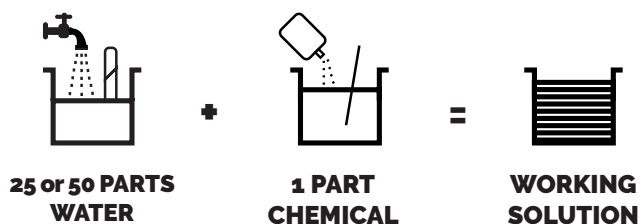
PREPARATION

The ARSIMAGO #9 FILM DEVELOPER is a liquid concentrated developer. Dilute the developer with running water just before use and discard it afterwards. This is a "One Shot" developer that should not be reused.

The recommended Dilution:

- 1+25 1 part of chemical + 25 part of water
- 1+50 1 part of chemical + 25 part of water

The volume of working solution you need depends on the size of your tank and on the number of films that you are developing.



TEMPERATURE

The working solution must be used at 20°C. During the entire development process, including stop bath, fixing bath and final rinse, the temperature must be kept as constant as possible.

AGITATION

Recommended agitation for tank development: continue for the first 30 seconds, two inversions every 30 seconds for the remaining development time. The development time starts from the moment the solution is introduced into the tank and ends when the stop bath is introduced.

At the end of each agitation sequence, rap the tank on the working desk to avoid the formation of air bubbles on the surface of the film.

DEVELOPMENT TIMES

These development times are suitable to achieve an excellent tonal range. Consult the development chart.

FILM	ISO	1+25	1+50
KODAK	TRI-X 400	7'	13'
	T-MAX 100	5'30"	12'
	T-MAX 400	6'	12'
ILFORD	PAN F 50	6'	11'
	FP4 125	9'	15'
	HP5 400	6'	11'
	DELTA 100	9'	14'
	DELTA 400	9'	20'
	DELTA 3200	11'	
KENTMERE	100	9'	15'
	400	7'30"	20'
AGFA APX	100	5'30"	10'
	400	11'30"	21'
BERGGER	400	8'	22'

FILM	ISO	1+25	1+50
ROLLEI	RPX 25	6'	11'
	RPX 100	9'	18'
	RPX 400	12'	21'
	RETRO 400S	10'30"	22'
	RETRO 80S	8'	14'
	SUPERPAN 200	8'	17'
	ORTHO 25	4'	6'
INFRARED	7'30"	12'	

CAPACITY

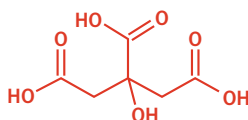
40-80 films with 500 ml of ARSIMAGO #9 concentrate.

STORAGE

Store the chemical in a tightly closed bottle.

KEEP OUT OF REACH OF CHILDREN



ARS-IMAGO ST
FILM DEVELOPER**ECO**
Line

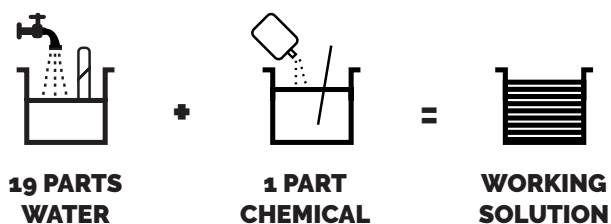
ARS-IMAGO ST - ECOSTOP BATH ODOURLESS is an odourless citric acid solution that, when diluted, can be used as a universal stopper for black and white film and paper.

The use of an acid stopping bath is strongly recommended to arrest the development process with immediate action. The stopping bath also helps not to contaminate the fixing process, prolonging the chemical's action and increasing its durability.

This concentrated solution contains Citric Acid Monohydrate and is free from PBT/vPvB chemicals.

PREPARATION

Recommended dilution: 1 + 19 (19 parts water + 1 part of chemical = working solution).



950ml WATER + 50 ml CHEMICAL
= 1L WORKING SOLUTION

AGITATION

Agitate continuously throughout the treatment time.

TEMPERATURE

Keep the temperature constantly at a maximum difference of 5°C from the developing bath.

TREATMENT TIME

A treatment time of 40-60 seconds is recommended, both for film and for baryte and polythene-coated paper.