

3.3 其他磺酸盐

产品 **Sodium Sulfonate Carboxylate NAC 7097**

特性 **NAC 7097** 是一款合成磺酸钠/羧酸盐，应用于配制无硼、无胺及其他水溶性加工液的配方中。

数据资料		典型数值	规格		
			最小	最大	
色度	:	棕色			
密度 15°C (g/ml)	:	1.100	1.080	1.120	DIN 51 757
pH 值(1% in dest. Water)		11.8	11.5	12.0	DIN 51 369
折射指数(n _{D20})	:	1.481	1.475	1.483	DIN 51 423-2
矿物油(wt.%)	:	12	10	14	calculative
苯氧丙醇(wt.%)	:	5	3	7	calculative

应用 **NAC 7097** 可以根据如下所附配方进行配置

以下添加剂可用于加工浓缩液进行补足配方(in wt.%):

黄色金属缓蚀剂	e.g. CI 8172	ca. 0.2% - 1.0%
酯油	e.g. AW 554 or Estilube P 1600	ca. 3.0% - 6.0%
磷酸酯	e.g. PE 752	ca. 1.0% - 3.0%
硫类添加剂	e.g. TPS 20	ca. 2.0% - 5.0%
消泡剂	e.g. ES 561	ca. 0.1% - 1.0%
杀菌剂	e.g. BB 37 LO	ca. 1.0% - 2.0%
杀虫剂	e.g. ES 52 or Iodinecarbamate (20%)	ca. 1.0%

存储 原装密封条件下在 0°C 到 40°C 之间可以安全存放至少 6 个月

The data contained herein serve as general information for our customers only and are not binding. The data contained herein have been collected to the best of our knowledge and do not constitute any advice or warranty to our customers for any specific application. It is up to our customer at their own risk to determine the suitability of each product for their individual purposes. The products are sold without any representation, warranty or guarantee either expressed or implied. Our liability is limited to the value of the supplied merchandise.

Sample formulations for NAC 7097 boron- amine free. waterhardness 0 - 3600 ppm

	Soft water 0 - 180 ppm adjusted to 90 ppm hardness		Standard water 180 - 360 ppm adjusted to 360 ppm hardness	Hard water 720 - 3600 ppm adjusted to 1250 ppm hardness	
Formulation	A	B	C	D	E
Naphthenic base oil T 22	61	49	60	48	44,5
NAC 7097	20	30	20	30	30
Phenoxypropanol	9	9	9	9	9
Talloil fatty acid 98%	3.5 - 4.5	5.5 - 6.5	2.5 - 3.5	4.5 - 5.5	-
AC 7170	-	-	-	-	1.0 - 2.0
AC 7107	-	-	2.5	2.5	7
EM 643	6	6	6	6	8
Appearance 5% emulsion in water of					
1.800 ppm	-	-	-	-	milky
1.260 ppm	-	-	-	-	milky, firing
720 ppm	-	-	milky	milky, firing	translucent-milky
360 ppm	-	-	milky, firing	milky, translucent	-
90 ppm	milky firing	translucent-milky	-	-	-
Stability NaCl (3g/l)	100%	100%	100%	100%	100%
pH-Value 5% in water of					
1.260 ppm	-	-	-	-	9.0 - 9.4
360 ppm	-	-	9.0 - 9.4	9.0 - 9.4	-
90 ppm	9.0 - 9.4	9.0 - 9.4	-	-	-
Filterpaper Chip test DIN 51360/2					
5% in 1.260 ppm water	-	-	-	-	0 - 1
6% in 1.260 ppm water	-	-	-	-	0
4% in 360 ppm water	-	-	2	0 - 1	-
5% in 360 ppm water	-	-	0 - 1	0	-
4% in 90 ppm water	2	0 - 1	-	-	-
5% in 90 ppm water	0 - 1	0	-	-	-
Foam breakdown time					
5% in 1.260 ppm water	-	-	-	-	< 10 sec
5% in 360 ppm water	-	-	< 10 sec	< 10 sec	-
5% in 90 ppm water	< 20 sec	< 20 sec	-	-	-
Concentrate Stability					
+ 10° C	ok	ok	ok	ok	ok
+ 40° C	ok	ok	ok	ok	ok