



# NOxCare 40 Marine Urea solution in water

## Chemical description of urea:

Chemical formula:  $(\text{NH}_2)_2\text{CO}$

Molar mass: 60,06 g/mol

## Physical properties:

Freezing point: 0° C

pH: 9,8-10

Specification:	Min.	Max.	
Urea content	39	41 %	by weight
Density at 20°C	1105	1117	kg/m <sup>3</sup>
Refracting index at 20°C	1.3947	1.3982	
Alkalinity as NH <sub>3</sub>		0.5 %	by weight
Biuret		0.8 %	by weight
Aldehydes		100	mg/kg
Insolubles matter		50	mg/kg
Phosphate (PO <sub>4</sub> )		1,0	mg/kg
Calcium(Ca)		1,0	mg/kg
Iron(Fe)		1,0	mg/kg
Magnesium(Mg)		1,0	mg/kg
Sodium(Na)		1,0	mg/kg
Potassium(K)		1,0	mg/kg