

# TECHNICAL DATASHEET/ Urea-solution 31%



Product	
Product name	Liquid Urea - 31% Urea, 69% water
Origin	Excipient from fish oil production
Use	As fertilizer or similar
Supplier	Combineering A/S, Bistrupvej 176, 3460 Birkerød, Denmark +45 45 58 40 40

Composition	Typical values	
Dry Matter	31	%
Urea (solution)	<45 (CAS 57-13-6)	%
Amide N	14,0 – 14,5	%
Ammonium-N	0	%
Nitrate-N	0	%
Water	69	%
Nitrogen	14-14,5	%
Ethylester	<1,0	%
Ethanol	<1	%
Ash (550 °C)	<1	%
Sulphur	0	%
Chloride	0	%

Physical properties		
Visual	Light yellow liquid	
Odor	Low odor of fish oil and amine	
Bulk density	Ca. 1100	kg/m <sup>3</sup>
Temperature at loading	8	°C
Freezing temperature	Minus 5	°C
pH	Neutral	
Other	The material is liquid/pumpable at a temperature >0°C.	

Logistic and regulation		
Bulk liquid	Loads between 22 – 30	ton
ADR	Not ADR	

The data are based on the best knowledge of the product. As this is a by-product, the information contained in this sheet should be regarded as indicative.