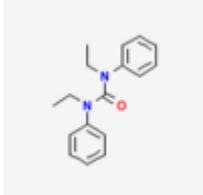


## Ethyl centralite / Centralite I

Trade Name: Ethyl centralite / Centralite I  
 Chemical Name: 1,3-Diethyl-1,3-diphenylurea  
 CAS: 85-98-3  
 EC: 201-645-2  
 Synonyms: N,N'-Diethyl-N,N'-diphenylurea|1,3-Diethyldiphenylurea|Carbamite|N,N-Diethylcarbanilide  
 Molecular Formula:  $C_{17}H_{20}N_2O$

Structural Formula: 

Molecular Weight: 268.36  
 Characteristics: white to slightly coloured crystalline substance, odourless

### Quality values

|  |                |
|--|----------------|
| <b>Solidification temperature</b>      | 71.5 – 72.5 °C |
| <b>Secondary and tertiary amines</b>   | max. 0.1 %     |
| <b>Residue after annealing</b>         | max. 0.1 %     |
| <b>Hydrolyzable chlorine compounds</b> | max. 0.001 %   |
| <b>Volatile substances</b>             | max. 0.1 %     |
| <b>Acidity (as HCl)</b>                | max. 0.004 %   |
| <b>Substances insoluble in ethanol</b> | max. 0.05 %    |
| <b>Water - content</b>                 | max. 0.1 %     |
| <b>Particle size (30 U.S.=0.6 mm)</b>  | min. 99.9 %    |

### Storage

Store in original packing in dry areas protected from direct weather conditions. Storage limit in original packings min. 2 years.