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Urea

REACH

EC number: 200-315-5 | CAS number: 57-13-6



Environmental fate & pathways

Endpoint summary

Administrative data

Description of key information

Additional information

Urea is stable in aqueous solution. Hydrolysis is not seen and is not predicted based on a theoretical assessment of the structure of the molecule. Urea is considered to be readily biodegradable: the substance will be rapidly degraded by microorganisms present in the environment (as a nutrient and N-source) and subsequently incorporated into the nitrate cycle. Urea is additionally utilised as a N-source by terrestrial and aquatic plants.

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