

Setting the standard in nutrient supply

B6153N

Nitrogen and phosphorous
supply for wastewater
treatment plants

SOLUSTEP[®]
Water Treatment Solutions



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Nitrogen and phosphorous supply for wastewater treatment plants

Nutritional formulation containing nitrogen, phosphoric acid and trace elements (Fe, Cu, Zn, Mn, Co, Se, Ni, Mo, B) to prevent or correct deficiencies in a biomass.

Nitrogen and phosphorous play a role in the various mechanisms and processes that support bacterial life (structure, metabolism, growth, energy, etc.) and account for a substantial proportion of bacterial mass (N: 7-10%; P: 2-3%).

As a general rule, the nutrients contained in industrial wastewater are rarely balanced and measures must often be taken to correct phosphorous and nitrogen content. In most cases, a ratio of 100C:5N:1P can be used at activated-sludge biological plants, by way of attached growth or anaerobic treatment.

Formula: **SOLUSTEP B6153N** has a nitrogen/phosphorous ratio of approximately 3.

SOLUSTEP B6153N is a biological aqueous solution that can be used in its pure or diluted form. It can be injected via a feed pump, which may or may not be controlled by the flow of your plant. The dosage you use will depend on the amount of nitrogen and phosphorus required by your biomass. To find out your optimum dosage, contact our technical department.

SOLUSTEP B6153N is the ideal supplement to ensure your plant runs smoothly. If need be, we can provide different concentrations or ratios to suit your configuration (storage, flow, etc.). Please contact our technical or sales department for further details.

Packaged in fully-loaded lorries in bulk (24 t) or semi-bulk (10-12 t) and in 1100 kg IBCs

Delivery time: please contact our sales department

Characteristics	Units	Values	Limit values
Appearance		Liquid	
pH		7	± 0.5
Density	Kg/m ³	1.20	± 0.05
N	%	14	± 0.05
P	%	3.9	± 0.05
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