

## Levagard® 4090 N

**Chemical composition:** N,N-bis-(2-hydroxyethyl) aminomethane phosphonic acid diethyl ester

**CAS-Reg.- No.:** 2781-11-5

### Typical properties:

Appearance:	yellowish to brownish liquid
Phosphorus content:	12,1 % (calculated)
Acid value:	max. 20 mg KOH/g
Hydroxyl number*:	420 - 460 mg KOH/g
Water content:	approx. 1 %
Density at 20°C:	1,16 g/cm <sup>3</sup>
Viscosity at 25°C*:	150 - 200 mPa·s

\* specified properties

### Product description:

Levagard® 4090 N is a halogen free reactive flame retardant. It may be used in polymers which can undergo reactions with hydroxyl groups.

### Applications:

Levagard® 4090 N is a suitable flame retardant for PU rigid foams, PF resins, EP resins and UP resins.

### Storage:

If stored correctly, the product has a minimum shelf life of 2 years.

### Packaging:

Road tankers / containers, 1000 kg non-returnable containers, 240 kg drums

### Product safety:

Relevant safety data and references as well as possibly necessary warning labels are to be found in safety data sheet.

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**FLAME  
RETARDANTS**

TECHNISCHE INFORMATION

