

MPT11

Technical Data Sheet

MPT11

1,3,5-Triazine-2,4,6-triaminephosphate

Synonyms: Melamine Phosphate T

Registration

CAS No.	41583-09-9
EINECS	108-78-1

Handling and Safety

MPT11 requires no special safety handling measures. Storage at dry condition. Avoid dust formation. For more information see material safety data sheet.

Packaging

On request

Chemical & Physical Properties

Appearance	white powder
Bulk density (unmilled, g/l)	500 - 800
pH value (saturated sol.; 20°C)	approx. 7
Water content (%)	max. 0.5
Water solubility (20°C)	max. 5 g/l
Phosphorus content (%)	10 - 13
Nitrogen content (%)	41 - 44

Description

MPT11 is a halogen-free flame retardant, it is a salt of Melamine and Phosphoric acid.

Applications

MPT11 is used in intumescent flame retardant systems. It also can be used in self-charring materials without additional flame retardant.

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