

2,2,4-Trimethyl-1,3-pentanediol-monoisobutyrate  
Isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol

CAS number: 25265-77-4  
EC (EINECS) number: 246-771-9

For further information regarding this product please refer to:

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Property	Typical Value	Unit	Method <sup>1</sup>
Purity	min. 99	%	ISO 2718-1974
Acid number	max. 0.5*	mg KOH/g	ASTM D1613-96
Colour	max. 10	Hazen	ASTM D1209-93
Water content	max. 0.1	%	ASTM E1064-92
Boiling point	257	°C	
Density (20 °C)	947	Kg/m <sup>3</sup>	
Freezing point	-50	°C	
Vapour pressure (20 °C)	<0.01	kPa	

\*corresponds to max. 0,08 % isobutyric acid or max. 0,05 % acetic acid

<sup>1</sup> internal method based upon the specified norm

## Application Advice

- Coalescent agent for water-based resin dispersions, paints and coatings
- Retarder solvent for high-bake coatings
- Plasticizer (or co-solvent) for cosmetics and ink applications
- Intermediate to synthesize ester derivatives for plasticizers
- Additive for chemical separation processes used in mineral processing, pulp & paper and water treatment
- Clear colourless liquid
- Classified agent as non-VOC according to European classification (1999/13/EC and 2004/42/EC)

## Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.