## **Technical Data Sheet**



## SYNTHOMER™ NX 795

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

CAS number: 25265-77-4

For further information regarding this product please refer to: Synthomer Limited, Head Office, United Kingdom

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Property	Value	Unit	Method <sup>1</sup>
Purity	min. 99	%	PO 130-2
Acid number	max. 0,5*	mg KOH/g	PO 110-10
Colour	max. 10	Hazen	PO 105-4
Water content	max. 0,1	%	PO 109-10
Boiling point	257	°C	
Density (20 °C)	947	Kg/m³	
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>&</sup>lt;sup>1</sup> internal method based upon the specified norm

## **Application Advice & Processing**

- · 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.

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