SYNTHOMER™ NX 795 L

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:

Coatings Synthomer

eMail: coatings@synthomer.com

Property	Typical Value	Unit	Method[1]
Purity	min. 99	Area %	GC-FID
Acidity	max. 0.50	mg KOH/g	ASTM D1613
Colour	max. 10	Hazen	ASTM D1209
Water content (coulometric)	max. 0.10	WT%	ASTM E1064
Boiling point	257	°C	
Density (20 °C)	947	Kg/m³	
Freezing point	-70.25	°C	
Vapour pressure (20 °C)	<0.01	kPa	
*corresponds to max .0,08 WT% isobutyric acid or max. 0,05 WT % acetic acid			

[1] 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)

Technical disclaimer

The maximum impurity level of 1-isopropyl-2,2- dimethyltrimethylene diisobutyrate (CAS no. 6846-50-0) is 0.25 (area %) .

Shipping and Storage

Synthomer recommends storing NX 795 L in sealed containers at ambient temperature (max 35°C), in a dry area protected from direct sunlight and the elements.

When stored as recommended, Synthomer advise that the product is stable for a minimum of 24 months from the batch production date. Synthomer cannot be held responsible for the user storing the material correctly and Synthomer does not warrant shelf life nor assume any responsibility for such information.

Consult Product Safety Data Sheet for more handling precautions.

Delivery form

- IBC 940 kgs

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Product Safety

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

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