



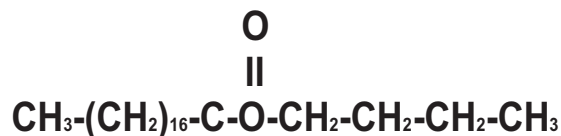
BUTYL - STEARATE (nBS)



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Primar plasticizer for PVC and PVC copolymers

Chemical Nature	Stearic acid ester of normal Butyl alcohol
Chemical Name	:- n-BUTYL stearate
Trade Name	:- BS
Molecular Formula	:- C ₂₂ H ₄₄ O ₂
Molecular Weight	:- 340
Molecular Structure	:- C ₁₇ H ₃₅ COOC ₄ H ₉



CAS Number :- 123-95-6
UN. NO :-
EINECS NO :- 204-666-5

Specification	Characteristics	Unit	Test Method	Value
	Colour	HU	ASTM-D-1045-86	60 max.
	Volatile Loss (110°C/ 2Hrs)	wt. %	KLJTM	0.20 max.
	Ester Value	mg KOH/g	ASTM-D-1045-86	167-177.
	Acidity	wt. %	ASTM-D-1045-86	0.020 max.
	Moisture	wt. %	ASTM-E-203	0.10 max.
	Specific Gravity (27°C)		ASTM-D-1045-86	0.850 – 0.860
	Ester content	wt. %	ASTM-D-1045-86	99.00 min.
	Heat Stability (150°C/ 2Hrs)	HU	ISI-9591-96	No Change.
	Acidity after heat treatment	wt. %	ASTM-D-1045-86	NA
	Plasticizing Esters by GC	% by area	KLJTM	99.00 min.

Typical Properties

Boiling Point @ 25hpa	°C	lit.	343.
Pour point	°C		NA.
Viscosity at 25°C	cp	KLJTM	10 -12.
Flash Point	°C	KLJTM	>170.
Refractive Index (27°C)	--	ASTM-D-1045-86	1.440 – 1.450.
Iodine Value	ppm	KLJTM	2.5 max.

Properties nBS is almost colourless and oily liquid, free of foreign materials.

Total Solution in Plasticizers

KLJ Group

Trust built on performance



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Application

Fatty acid ester are used as raw materials of emulsifiers or oiling agent for foods, spin finishes and textiles, lubricants for plastics, paint and ink additives surfactants and base materials for perfumery. They are used as solvents or cosolvents, oil carrier in agricultural industry

Packing & Storage

nBS is packed in 35 kg. HDPE carboys, 200/225 kg iron drum /HDPE drum, 20 - 22 MT in Flexi tank / ISO Tank / in road tanker. It is stored in tightly closed container, in a cool & dry, ventilated area.

Shelf Life

Original characteristics remain intact for a period of 24 months, if kept in recommended storage.

Safety

The MSDS can be provided on request.

Disclaimer

The data contained in this publication are based on our current knowledge and experience. During processing, there are so many factors which may affect the application part of nBS, so these data neither imply any guarantee of certain properties, nor the suitability of the product for the specific purpose. Any data given in this publication may change without prior information and do not constitute the agreed quality of our product.

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