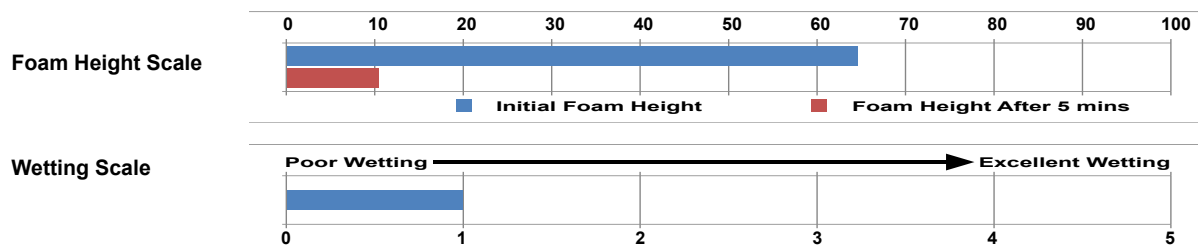


Lansurf CO12

Specification	Appearance at 25°C	:	Clear yellow viscous liquid free from foreign matter
	Cloud Point °C (5g in 45g (25% BDG Solution))	:	48.0 - 56.0
	pH (1% aqueous)	:	5.0 - 7.0
	Water Content %	:	1 Max

Typical Properties	Composition	:	Castor Oil Ethoxylate
	CAS Number	:	61791-12-6
	Solids Content %	:	100
	Moles of EO	:	12
	Odour	:	Characteristic
	HLB Value	:	7.0
	Viscosity at 25°C (cP)	:	787
	Specific Gravity at 25°C	:	1.01
	Solubility in Water	:	Soluble
	Pour Point °C	:	-10
	Flash Point Open Cup °C	:	>100



Typical properties are based on our own measurements and do not constitute part of the sales specification

Application Lansurf CO12 is a nonionic surfactant produced from the ethoxylation of castor oil. This product offers good emulsification, wetting, detergency and lubricity. This product also has the advantage of being of low toxicity and has good food contact approval.

Lansurf CO12 possesses considerable lubricity in solution and may be used in metal forming applications as a plastic mould release agent and is also used as a general emulsifier for oils. Typically this product finds application in textile auxiliaries, agrochemicals (co-emulsifier with anionics) and areas where good emulsification is required.

Packaging Lansurf CO12 can be supplied in bulk road tankers, IBC's and 200kg

Storage Stainless steel, polyethylene or glass lined equipment is necessary for the storage of Lansurf CO12 in order to prevent corrosion and subsequent contamination. This material can separate on standing and at low temperatures. May require agitation and warming prior to use.

All information, recommendations and suggestions appearing in the literature concerning the use of the product are based upon tests and data believed to be reliable. However it is the users responsibility to determine the suitability for their own use of the products described here. For non English datasheets translation has been carried out using translation software, Lankem accepts no liability due to errors that occur during translation.

Lankem Ltd
 Charles Street
 Dukinfield
 Cheshire
 SK16 4SD
 United Kingdom

Tel : 44 (0)161 343 3355
 Fax : 44 (0)161 343 3366
 technical@lankem.co.uk
 www.lankem.eu

