



LINCOL DBS

LINCOL DBS (di butyl-sebacate), is a synthetic ester used as low temperature plasticizer mainly in synthetic rubber compounds (particularly nitrile, polychloroprene and PVC/nitrile) and in PVC compounds.

SPECIFICATIONS

	U.M.	Limits	Methods
- Appearance at 20°C:		clear liquid	MA001
- Water (K.F.):	%	0,3 max.	MA013 NST Ba IV-I-65
- Colour:	Apha Range	100 max.	MA188
- Acid value:	mgKOH/g	0,3 max.	MA040 NGD C 10 -76
- Saponification value:	mgKOH/g	345 - 370	MA042 NGD C33- 76

GENERAL CHARACTERISTIC

- Density at 20 °C:	0,933 - 0,940 kg/l
- Flash Point:	170 °C min.
- Refraction index at 20°C:	1,439 - 1,444
- Odour:	absent or slight
- Ester:	99.5 % min.
- Iodine number:	2 gJ/100 g max.
- Hydroxyl number:	1,5 mgKOH/g max.
- Viscosity at 25°C:	6 - 10 cps



Eigenmann & Veronelli S.p.A.

APPLICATIONS

The main characteristic of LINCOL DBS is to be a plasticizer with a good balance of properties, including excellent low temperature properties, good resistance to extraction by water and moderate volatility.

LINCOL DBS is usually used as the sole plasticizer (the average amount of use varies from 20 to 40 pphr) in synthetic rubber compounds for the production of technical rubber goods, profiles and hoses.

In PVC compounds (production of cable compounds, fabrics coating) LINCOL DBS is used as a secondary plasticizer, usually in combination with phtalates.

LINCOL DBS is considered suitable for use in products intended for contacts with foods.

CAS: 109-43-3
EINECS: 203-672-5

The information and recommendations in this bulletin are to the best of our knowledge accurate. However we accept no responsibility for results obtained, by the application of the information and recommendations contained herein for the use of our products, alone or in combination with other products. Users should make preliminary tests to determine the applicability of such information and the suitability of our products to their own particular requirements, assuming all responsibility and liability for the use of our products, alone or in combination with other products. We also accept no responsibility for the infringements of any patent arising out of the use of our products.