

PRODUCT SPECIFICATION

Calfax DB-45

Chemical Name	: Sodium Dodecyl Diphenyl Oxide Disulfonate		
Molecular Formula	: C ₂₄ H ₃₂ O ₇ S ₂ Na ₂	Molecular Weight	: 542
HS Code	: 340211	CAS number	: 119345-04-9
UN Code	: 3082	DG Class/PKG GP	: Class 9/PKG GP III

Applications : Latex Emulsification: The high surface activity and the high electrolyte tolerance of Calfax DB-45 make it the surfactant of choice for the manufacturer of latex emulsions for adhesives and foam rubber.

Agricultural Chemicals: High emulsification and excellent water solubility of Calfax[®] DB-45 can aid the formulator of agricultural emulsions by providing a broader blend of anionic to nonionic in hard to emulsify pesticides and herbicides.

Heavy Duty Cleaners: Calfax[®] DB-45 is uniquely effective as a solubilizer and detergent in acid, alkaline and bleach cleaner formulations where conventional detergents lack sufficient solubility in the formula for necessary performance.

Packaging : 500lb (≈226.8 kg) per drum, 76 drums
17,236.69 kg per 20-ft FCL container without pallet

Characteristics	Unit	Guaranteed Values
Appearance	-	Clear, Yellow to amber liquid
PH (5% active)	-	8.5 - 10.5
Active	%	45 - 47
Color (5% active, 20mm)	Klett	40 Max
Sodium Sulfate	%	1 Max
Sodium Chloride	%	0.3 Max