

Sorbax HO-50

CHEMICAL NAME POE (50) Sorbitan Hexaoleate

INCI NAME PEG-50 Sorbitol Hexaoleate

CAS NUMBER 57171-56-9

FUNCTION Emulsifier, Lubricant

TECHNICAL REQUIREMENTS

Acid Value (to pH 9.5)	10 Maximum
Color (Gardner)	6 Maximum
Hydroxyl Value	35 – 55
Saponification Value	80 – 90
Water, %	1 Maximum

GENERAL DATA

Appearance @ 25°C	Yellow Liquid
Specific Gravity @ 25°C	1.03
Pounds per Gallon	8.55
Aqueous Solubility	Dispersible
HLB	11.4

APPLICATION Sorbax polyoxyethylated sorbitan esters are used as emulsifiers and solubilizers. These surfactants are used in combinations with lower HLB surfactants, particularly the corresponding non-ethoxylated sorbitan esters, for emulsification of petroleum oils and solvents, vegetable oils, waxes, silicones, and other water insoluble compounds. These products are used in the agricultural, cosmetic, leather, metalworking, and textile industries.

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