

Sorbax SMO

CHEMICAL NAME	Sorbitan Monooleate
INCI NAME	Sorbitan Oleate
CAS NUMBER	1338-43-8
FUNCTION	Emulsifier, Lubricant
TECHNICAL REQUIREMENTS	Acid Value..... 8 Maximum Color (Gardner)..... 10 Maximum Hydroxyl Value..... 193 – 210 Saponification Value 143-160 Water, % 1 Maximum
GENERAL DATA	Specific Gravity @ 25°C..... 1.0 Pounds per Gallon8.33 Aqueous Solubility Dispersible HLB..... 4.3 Appearance Clear to Slightly Hazy Amber Liquid
APPLICATION	Sorbax sorbitan esters are oil soluble surfactants that are used to prepare stable water in oil emulsions. They are also used in combination with higher HLB surfactants, particularly the corresponding sorbitan ester ethoxylates for emulsifying petroleum oils and solvents, vegetable oils, waxes, silicones, and other water insoluble materials.

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