

## Sorbax PMO-5

**CHEMICAL NAME** POE (5) Sorbitan Monooleate

**INCI NAME** Polysorbate 81

**CAS NUMBER** 9005-65-6

**FUNCTION** Emulsifier, Lubricant

**TECHNICAL REQUIREMENTS**

Acid Value .....	2 Maximum
Color (Gardner).....	7 Maximum
Hydroxyl Value.....	134 – 150
Saponification Value .....	95 – 105
Water, % .....	3 Maximum

**GENERAL DATA**

Appearance @ 25°C.....	Oily Yellow Liquid
Specific Gravity @ 25°C.....	1.0
Pounds per Gallon .....	8.33
Aqueous Solubility .....	Soluble
HLB.....	10

**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.

Revision Date: 24.05.2016