

## Sorbax PMO-20

**CHEMICAL NAME** POE (20) Sorbitan Monooleate

**INCI NAME** Polysorbate 80

**CAS NUMBER** 9005-65-6

**FUNCTION** Emulsifier, Lubricant

**TECHNICAL REQUIREMENTS**

Acid Value .....	2 Maximum
Color (Gardner).....	6 Maximum
Hydroxyl Value.....	65 – 88
Saponification Value .....	45 – 55
Water, % .....	3 Maximum

**GENERAL DATA**

Appearance @ 25°C.....	Yellow Liquid
Specific Gravity @ 25°C.....	1.0
Pounds per Gallon .....	8.33
Aqueous Solubility .....	Dispersible
HLB.....	15

**APPLICATION** Sorbax PMO-20 is used as an emulsifier and lubricant in metalworking, textile and I&I formulations. This material also offers dispersant properties, wetting attributes and antistatic functionality for these same industries. Sorbax polyoxyethylated sorbitan esters are used as emulsifiers and solubilizers. These surfactants are used in combination 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.

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