

Product: **CQsorb 20**

Item Number: 201332

**INCI** Polysorbate 20

**CAS #** 9005-64-5

**DESCRIPTION** Polysorbate 20 is an emulsifier derived from the ethoxylation of sorbitan monolaurate. It is valued for its mildness, solubilizing properties, and compatibility with a wide range of ingredients. Polysorbate 20 is widely used to stabilize emulsions, disperse oils, and enhance the performance of formulations across multiple industries.

**APPLICATION**

**Personal Care:** Solubilizer for essential oils, fragrances, and active ingredients in sprays, serums, and cleansers; emulsifier in lotions, creams, and hair conditioners; improves product clarity and stability in micellar waters and toners

**Food:** Emulsifier and dispersant in flavor oils, baked goods, and beverages to ensure uniform texture and taste

**Pharmaceutical:** Solubilizer in liquid medications, injectables, and topical formulations; stabilizes emulsions for drug delivery systems

**Industrial Applications:** Used in paints, coatings, and cleaning solutions for improved dispersion and compatibility of hydrophobic ingredients

**Home Care:** Ingredient in liquid detergents and air fresheners for stabilizing oil-water mixtures

**TYPICAL PROPERTIES**

Appearance	Clear yellowish liquid
Color Gardner	2.00 Max.
pH (5% solution)	5.00 – 7.00
Moisture (by KF) (%)	3.00 Max.
Saponification Value (mg KOH/g)	40.00 – 50.00
Acid Value (mg KOH/g)	2.00 Max.
Hydroxyl Value (mg KOH/g)	96.00 – 108.00
Iodine Value (g I <sub>2</sub> /100g)	5.00 Max.
Heavy Metals (ppm)	10.00 Max.
Arsenic (As) (ppm)	1.00 Max.
1,4 Dioxane (ppm)	10.00 Max.



Product: **CQsorb 20**

Item Number: 201332

**HANDLING &  
STORAGE**

Store in original sealed container in a cool, dry, and well-ventilated area. Keep away from direct sunlight. Handle in accordance with good industrial hygiene and safety practices.

**PACKAGING**

220 KG DRUM; 1,000 KG TOTE