



Wellgo Chemical Technology Co., LTD

Polysorbates

PRODUCT NAME

WELLGO TWEEN-Series

PRODUCT TYPE

Emulsifier, food grade

COMPOSITION AND DESCRIPTION

Name of name	Chemical Name	Appearance	Physical and chemical indicators			HLB values
			Acid value (mgKOH/g)	Saponification value (mgKOH/g)	Hydroxyl value (mgKOH/g)	
T-20	Polyoxyethylene sorbitan monolaurate	Oily liquid	≤2.0	40~50	90~100	16.5
T-40	Polyoxyethylene sorbitan monopalmitate	Oily liquid	≤2.0	40~50	85~1000	15.5
T-60	Polyoxyethylene sorbitan monostearate	Oily liquid	≤2.0	40~50	80~105	14.5
T-65	Polyoxyethylene sorbitan tristearate	Oily liquid	≤2.0	44~60	88~98	10.5
T-80	Polyoxyethylene sorbitan monooleate	Oily liquid	≤2.0	40~50	65~82	15.0
T-85	Polyoxyethylene sorbitan trioleate	Oily liquid	≤2.0	40~60	83~95	11.0

Tween-20: Polyoxyethylene sorbitan monolaurate CAS No.:9005-64-5 E432

Tween-40: Polyoxyethylene sorbitan monopalmitate CAS No.:9005-66-7 E434

Tween-60: Polyoxyethylene sorbitan monostearate CAS No.:9005-67-8 E435

Tween-65: Polyoxyethylene sorbitan tristearate CAS No.:9005-71-4 E436

Tween-80: Polyoxyethylene sorbitan monooleate CAS No.:9005-65-6 E433

Tween-85: Polyoxyethylene sorbitan trioleate CAS No.:9005-70-3

Wellgo chemical technology Co., Ltd.

ADD:1-306 Xinle yuan Xinkang Garden of Xintang town ,Guangzhou City,

Guangdong P.R.China

Tel: +86 20 32919657

Fax: +86 20 32919369

Web: www.wellgochem.com

Email: info@wellgochem.com sales@wellgochem.com

APPLICATION AREAS:

It is often used as O/W emulsifier to disperse other substances evenly in the solution. It is mainly used in pesticide, food, cosmetics and plastic industry.

T-20:

1. soluble in water, methanol, ethanol, isopropanol and other solvents, insoluble in minerals, mineral oil, with emulsification, diffusion, solubilization, stability and other properties.

2. This product is harmless to the human body and has no irritation. It is mainly used in the food industry for the production of cakes, ice cream and shortening.

3. In other aspects, it can be used as an emulsifier for mineral oil, a solvent for dyes, an emulsifier for cosmetics, a stabilizer for foams, an emulsifier for pharmaceuticals, a diffusing agent and a stabilizer, and an auxiliary for photo emulsions.

T-40:

soluble in water, methanol, ethanol, isopropanol and other solvents, insoluble in minerals, mineral oil, used as o / w type emulsifier, solubilizer, stabilizer, diffusing agent, antistatic agent, lubricant .

T-60:

1. It is easily soluble in water, methanol, ethanol, isopropanol and other solvents. It is insoluble in mineral and mineral oils. It has excellent emulsifying properties and has the functions of wetting, foaming and diffusion.

2. It is used as o/w type emulsifier, dispersant and stabilizer for the manufacture of food, medicine, cosmetics and water-based paints.

3, used in the textile industry as a softener, antistatic agent, is a polyacrylonitrile spinning oil component and fiber after processing softener, so that the fiber to eliminate static electricity, improve its softness and give the fiber good dyeing performance.

T-80:

1, soluble in water, methanol, ethanol, insoluble in mineral oil, used as emulsifier, dispersant, wetting agent, solubilizer, stabilizer, used in medicine, cosmetics, food and other industries.

2. It is used as a stabilizer and co-blowing agent in the production of polyurethane foam; it can be used as an antistatic agent in synthetic fibers, and is an intermediate of chemical fiber oil; it is used as a wetting agent and dispersion in film made of photosensitive materials. The agent is used to emulsify silicone oil in the waterproof process of the fabric, and has good effect. It is also used as an oil agent and water-soluble emulsifier for nylon and viscose cord, and is often mixed with s-80.

3, used as oil field emulsifier, anti-wax agent, heavy oil wetting, resistance reducing agent, near-well zone treatment agent; used as precision machine tool to modulate lubricating coolant.

PACKAGING, STORAGE AND TRANSPORTATION

Storage :should be stored at 25 /77 °C max and 80% relative humidity max,

Wellgo chemical technology Co., Ltd.

ADD:1-306 Xinle yuan Xinkang Garden of Xintang town ,Guangzhou City,

Guangdong P.R.China

Tel: +86 20 32919657

Fax: +86 20 32919369

Web: www.wellgochem.com

Email: info@wellgochem.com sales@wellgochem.com

Away from sunlight and odorous products. It has a shelf life of 12 months in original package.

Packaging : liquid 25 kg/barrel, 200 kg/barrel. Customized packages are available .

Transportation: Storage and transportation by general chemicals.

LEGAL STATU

Polysorbates meets the specifications laid down by the FAO/WHO, the EU, and the Food Chemicals Codex.

ADDITIONAL SAFETY INFORMATION

A Material Safety Data Sheet is available on request.

Wellgo chemical technology Co., Ltd.

ADD:1-306 Xinle yuan Xinkang Garden of Xintang town ,Guangzhou City,
Guangdong P.R.China

Tel: +86 20 32919657

Fax: +86 20 32919369

Web: www.wellgochem.com

Email: info@wellgochem.com sales@wellgochem.com