

# PRODUCT BULLETIN



## PRODUCT NAME

## UNITOP-POLYSORBATE-80

## COMPOSITION

POLYOXYETHYLENE SORBITAN MONO OLEATE

## DESCRIPTION

**UNITOP-POLYSORBATE-80** is nonionic surfactants derived from sorbitan esters. It is soluble in water but differ widely in organic and oil solubilities. Used as oil in water emulsifiers in pharmaceuticals, cosmetics, cleaning compounds, etc

## TYPICAL PROPERTIES

Appearance	Yellow to amber oily liquid.
Solubility	Soluble in water
Moisture content % max.	3.0
Specific gravity approx. gm/ml	1.07 – 1.09
Hydroxyl value mg of KOH/gm	65 – 80
Saponification value mg of KOH/gm	45 - 55
Acid value mg of KOH/gm max	2.0

## APPLICATIONS

UNITOP-POLYSORBATE-80 - Alkyl aryl sulphonate containing 1/5<sup>th</sup> of UNITOP-POLYSORBATE-80 enhance relative detergency from 44% to 100% on cotton and 37% to 100% on wool. This is a remarkable increase of detergency

UNITOP-POLYSORBATE-80 is used in the textile industry as softening agent, antistatic agent

UNITOP-POLYSORBATE-80 is used as stabilizing agent foaming agent in the production of polyurethane foam.

UNITOP-POLYSORBATE-80 is used as solubilizing agent for variety of compounds like essential oils, oil soluble Vitamins such as Vitamin A & D in multi Vitamin products sely-cyclic acid.

## PACKING

**UNITOP-POLYSORBATE-80** is available in 200 kgs HDPE drums / 1000 Kgs IBC container

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## STORAGE

Store in a cool dry place. Store away from sources of heat or ignition.

## SHELF LIFE

Up to two years from the date of manufacture for material in original, unopened, properly stored containers. Beyond two years, we recommend the quality of the material be confirmed prior to use by retesting the certificate of analysis parameters.

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