

iEMUL SPDT

INCI Name (US): Sodium Polyacryloyl Dimethyl Taurate

INCI Name (EU): Sodium Polyacryloyl Dimethyl Taurate

CAS #: 35641-59-9

General Information/ Characteristics: iEmul SPDT is an innovative emulsifying-thickening for skin/sun/hair/make-up products. It is safe substance using non-toxic natural ingredients which is free of acrylamide, acrylamide derivatives and ethylene oxide. It is ready to use, pre-neutralized polymer working at a wide range of pH. This product is recommended for skin creams, moisture preparations, bath preparations, skin, hair, sun care and make-up; baby care, lubrication products, cleansing lotion, and gels.

Benefits / Application:
Benefits :

Free of acrylamide, acrylamide derivatives and ethylene oxide.
 Excellent emulsifying–stabilizing capability.
 Ready to use, pre-neutralized polymer working at wide range of pH.
 High salt efficiency, emulsifying almost all types of oils
 Forming gels, cream-gels and emulsions easily under very moderate Shear.

Application:

Applicable for various types of skin/sun/hair/make-up preparations for gels, gel-creams and emulsions.

Formulators' indispensable substance for the creation of various products such as:

- ♦ Skin cream
- ♦ Moisture preparations
- ♦ Bath preparations
- ♦ Skin, Hair, Sun care & Make-up
- ♦ Baby care
- ♦ Lubrication product
- ♦ Cleansing lotion
- ♦ Gels

Formulations Advices: Typically used at a level of 0.1 – 3.0%

Distributed by Cospatech LLC – 3470 NW 82 AVE – SUITE 770 – 33122 FLORIDA – USA – Ph: +1-305-499-9572 Fax:+1-305-499-9577 – info@cospatech.com

We have made reasonable efforts to ensure that the information and suggestions regarding the statement of ingredients and conditions for use of our products is technically and scientifically accurate and up to date. We and our suppliers and agents neither commit nor guarantee the relevance, accuracy, presentation or use, or suitability of our products to any specific use. Such information and suggestions shall not be deemed to grant any patent license or any other intellectual property right. We cannot guarantee that the use made of our products, information and suggestions will respect the intellectual property rights of other third parties. Customers shall use our products, information and suggestions at their own risk and we will therefore not accept any liability whatsoever for any such above-mentioned accounts.

Regulatory Status:	No applicable	
Physic-Chemical Properties:	Appearance	Odorless
	Odor	Dispersible in water
	Solubility	insoluble in ethanol, chloroform
	Viscosity @1% in H ₂ O	50,000 - 100,000
	Solid content	90 - 100
	pH @1% in H ₂ O	5.0 - 7.0
	Residual AMPS	200 ppm max
	Viscosity @1.5% in H ₂ O	80,000 - 130,000
	Viscosity @1.5% in H ₂ O+NaCl 0.1%	15,000 - 35,000

**These values indicate typical specification; they are not intended to be used as product specifications*

Additives:	Preservatives:	No applicable
Shelf Life / Storage Conditions	24 months from manufacturing date.	
	Keep in original container tightly closed in cool, dry, ventilated.	
Packaging:	25 kg/ drum	

Distributed by Cospatech LLC – 3470 NW 82 AVE – SUITE 770 – 33122 FLORIDA – USA – Ph: +1-305-499-9572 Fax:+1-305-499-9577 – info@cospatech.com

We have made reasonable efforts to ensure that the information and suggestions regarding the statement of ingredients and conditions for use of our products is technically and scientifically accurate and up to date. We and our suppliers and agents neither commit nor guarantee the relevance, accuracy, presentation or use, or suitability of our products to any specific use. Such information and suggestions shall not be deemed to grant any patent license or any other intellectual property right. We cannot guarantee that the use made of our products, information and suggestions will respect the intellectual property rights of other third parties. Customers shall use our products, information and suggestions at their own risk and we will therefore not accept any liability whatsoever for any such above-mentioned accounts.

