

**FUNCTIONALS**  
**Emulsiphos<sup>®</sup>**  
**677660**



## **Emulsiphos® No. 677660**

### **An Efficient Non-Ethoxylated Phosphate Emulsifier for Modern O/W Systems**

#### **BENEFITS**

- Allows the preparation of homogeneous, stable, light skin care and sun care emulsions
- Is an analogue of the natural phospholipids in the skin (e.g. lecithin) and provides a smooth and soft skin feel
- Easy to process because of its pellet form and its good solubility
- No need for vacuum during processing
- Can easily be added either to the oil phase or the aqueous phase of the emulsion
- Does not require a separate neutralization step
- Can be used over a wide pH range (4-9), but preferably at the acidic pH level of the skin
- Shows very good emulsifying ability with both polar and non-polar oils
- Especially suitable for manufacturing emulsions with a high oil content
- Works well for formulations containing water soluble sun screen filters and micronized pigments
- Provides excellent stability and skin feel even for sun care emulsions with very high sun protection factors (50+)
- Based on vegetable and mineral raw materials
- High purity, free of undesired by-products
- Free of ethylene oxide
- Free of cetyl chloride
- Low usage concentration

#### PRODUCT DESCRIPTION

- Anionic O/W emulsifier
- Neutralized with potassium hydroxide
- White to yellow-brown pellets
- Dosage:
  - 1.0 to 3.0% for O/W emulsions
  - 0.2 to 0.5% for emulsion stabilization
- INCI: Potassium Cetyl Phosphate,  
Hydrogenated Palm Glycerides

