**ExtraPerse-300R**

## Introduction

**Product name:** ExtraPerse-300R dispersant (oil phase)

**Catalogue number:** EP-300R

**CAS number:** 27924-99-8

**INCI name:** Polyhydroxylstearic acid

**Synonym:** POLY(12-HYDROXYSTEARICACID)

**Application:** ExtraPerse-300R is a biodegradable dispersant for pigments and other inorganic powders in oil phase. It is specially designed for cosmetic and skin-care formulations which can greatly increase the dispersity of inorganic powder in oil phase and decrease the viscosity. It makes formula with high percentage of powders (as high as 25%) applicable.

## Product Details：

**Advantages**

* Low viscosity and freezing point (< 0°C), applicable in very wide temperature range
* Biodegradable, no harm or irritation to skin and hair
* Superb dispersity, can be used in high powder content formula
* Great compatibility to other ingredients, suitable in any kind of formula
* Strong and long term effect for prevention of the aggregation of powders
* Specially designed for the formulation of cosmetic and skin care products.

**Applications**

* Dispersing ultra-fine titanium dioxide, zinc oxide powder or inorganic pigments in oil based products
* Can be used in lipsticks, eye masks, sun screen products and makeup bases.

**Usage**

* Be sure to dissolve the dispersant in the base solvent BEFORE the powder is added.
* The recommended dosage is 1/10 of the powder added (by weight) and 1/20 for nanoparticles.

**Storage:**

* Room temperature and avoid of light and moisture.
* Away from toxic and hazardous substances
* Do not directly dispose to environment without government permit.

**Package**

* 20 kg/Drum