

# TEGODEO® PY 88 G

## Odor absorber for cosmetic applications

### Intended use

Deodorant agents/odor absorbers

### Benefits at a glance

- Highly effective deodorant based on the zinc salt of ricinoleic acid
- Especially suitable for use in emulsion type deodorant formulations
- Usage concentration of 1.5 – 3.0%

### INCI (PCPC name)

Zinc Ricinoleate

### Chemical and physical properties (not part of specifications)

Appearance	Ivory pellets
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### Properties/Application

- TEGODEO® PY 88 G is a highly effective deodorant based on a zinc salt of ricinoleic acid.
- TEGODEO® PY 88 G does not inhibit natural transpiration.
- Deodorants formed during bacterial decomposition of perspiration are chemically fixed.
- TEGODEO® PY 88 G has no bactericidal or fungicidal properties and therefore does not interfere with the natural flora of the skin.
- Due to its good deodorising properties TEGODEO® PY 88 G is especially suitable for any emulsion type of deo formulations.

### Preparation

With regard to the chemical characteristics of the product we recommend to incorporate TEGODEO® PY 88 G at 80 °C.

The product can be melted together with the other components of the oil phase. Emulsify as usual.

### Recommended usage concentration

1.5 – 3.0% TEGODEO® PY 88 G

### Packaging

700 kg pallet (28 x 25 kg)

### Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fires
- toxicity and ecological effects

is given in our material safety data sheets.

## Guideline Formulations

Deodorant Cream for sensitive skin BR 2/12-17	
<b>Phase A</b>	
TEGO® Care PBS 6	3.0%
TEGIN® M Pellets	1.0%
TEGO® Alkanol 18	2.0%
TEGOSOFT® E	15.5%
Persea Gratissima (Avocado) Oil	2.0%
<b>TEGODEO® PY 88 G</b>	<b>1.0%</b>
TEGO® Cosmo P 813	0.5%
Triethyl Citrate	1.0%
<b>Phase B</b>	
Natrosol 250 HHR	1.0%
Water	73.0%
Preservative, Perfume	q.s.
<b>Preparation</b>	
<ol style="list-style-type: none"> <li>Heat phase A and B separately to 70 – 75 °C.</li> <li>Disperse Natrosol HHR 250 with Ultra-Turrax in water phase.</li> <li>Add phase A to phase B with stirring<sup>1)</sup>.</li> <li>Homogenize.</li> <li>Cool with gentle stirring.</li> </ol> <p><sup>1)</sup> Important: If phase A has to be charged into the vessel first, phase B must be added <b>without stirring</b>.</p>	

O/W Antiperspirant Lotion for Roll-on BR 1/12-17	
<b>Phase A</b>	
TEGO® Care PBS 6	3.0%
TEGOSOFT® E	4.5%
<b>TEGODEO® PY 88 G</b>	<b>1.0%</b>
TEGO® Cosmo P 813	0.5%
Persea Gratissima (Avocado) Oil	0.5%
<b>Phase B</b>	
Natrosol 250 HHR	1.0%
Water	89.5%
Preservative, Perfume	q.s.
<b>Preparation</b>	
<ol style="list-style-type: none"> <li>Disperse Natrosol HHR 250 with Ultra-Turrax in water phase.</li> <li>Heat phase A and B separately to approx. 70 – 75 °C.</li> <li>Add phase A to phase B with stirring<sup>1)</sup>.</li> <li>Homogenise.</li> <li>Cool with gentle stirring.</li> </ol> <p><sup>1)</sup> Important: If phase A has to be charged into the vessel first, phase B must be added <b>without stirring</b>.</p>	

### Especially concerning Active Ingredients

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### Evonik Industries AG

Goldschmidtstraße 100 45127 Essen, Germany  
P.O.BOX 45116 Essen PHONE + 49 201 173-2854 FAX +49 173-1828

personal-care@evonik.com www.evonik.com/personal-care