



***Feelz PC 325***

***Emollient***



## Function

1. Viscosity reducing
2. Solubilizer
3. Wetting & Refatting

Alcohol



Acid



Cancer ⓘ



None

High

Developmental & Reproductive Toxicity ⓘ



None

High

Allergies & Immunotoxicity ⓘ



None

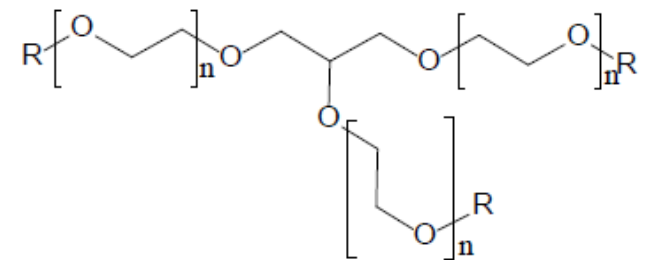
High

Source: EWG (The Environmental Working Group)

## Feelz PC 325

**PEG-6 Caprylic Capric Glycerides**

Cas number: 361459-38-3



# Feelz PC 325

CosDNA



LA ROCHE-  
POSAY  
Effaclar  
Cleanser



L'OREAL  
Night Serum



Cerave  
Foaming  
Facial  
Cleanser



La Prairie  
Cellular  
Radiance  
Cream



Cocoon Rose  
Micellar  
Water



BioDerma  
Sensibio H2O AR  
micellar solution

## Emollient



Moroccanoil  
Clarifying  
Shampoo



ORIGINS  
Zero oil



Neutrogena  
Hydrating  
Eye Makeup  
Remover  
Lotion

# Feelz PC 325



## Features

- Good spreadability
- High absorption
- Unique lightness



## Applications

- Toiletries
- Makeup remover
- Bath oil

# Feelz PC 325

## Solubility (compatibility)

| Solvents/Oil        | 25% Feelz PC 325 | 50% Feelz PC 325 | 75% Feelz PC 325 |
|---------------------|------------------|------------------|------------------|
| Sunflower Oil       | Insoluble        | Insoluble        | Insoluble        |
| Propylene Glycol    | Soluble          | Soluble          | Soluble          |
| Mineral Oil         | Insoluble        | Insoluble        | Insoluble        |
| Isopropyl Myristate | Insoluble        | Insoluble        | Soluble          |
| MCT                 | Insoluble        | Insoluble        | Soluble          |
| Isoamyl Laurate     | Insoluble        | Insoluble        | Insoluble        |
| Water               | Soluble          | Soluble          | Soluble          |
| Ethanol             | Soluble          | Soluble          | Soluble          |
| Glycerine           | Insoluble        | Insoluble        | Insoluble        |
| Dimethicone         | Insoluble        | Insoluble        | Insoluble        |

# Feelz PC 325

## Solubility (UV Filters)

| Solvents/Oil | Type    | 10% UV Filter | 20% UV Filter | 30% UV Filter |
|--------------|---------|---------------|---------------|---------------|
| Octinoxate   | UVB     | Soluble       | Soluble       | Soluble       |
| Avobenzone   | UVA     | Soluble       | Soluble       | Insoluble     |
| Oxybenzone   | UVA/UVB | Soluble       | Soluble       | Soluble       |

Fairly good UV solubilizer but there are other emollient which have higher solubilizing properties.

# Feelz PC 325

## Cleansing Properties (Makeup Remover)



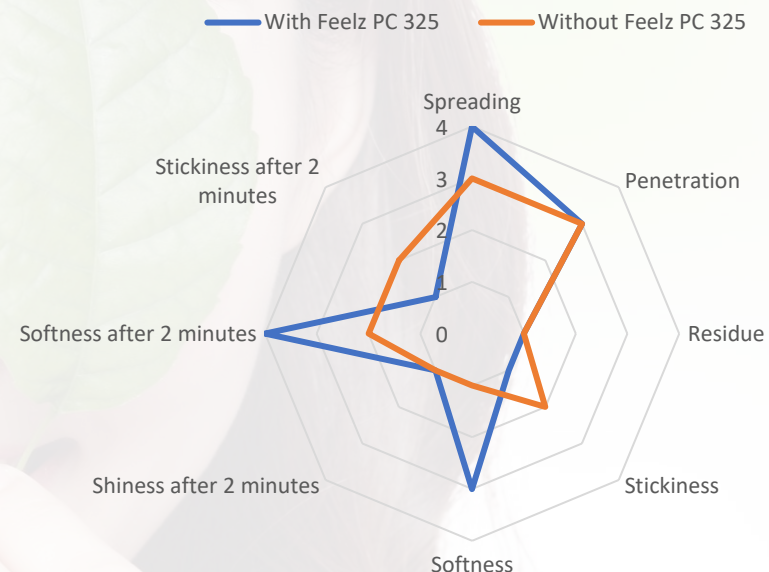
Removes even water proof makeup easily. No rinsing required.  
Furthermore there is no skin tightening and irritation.

| Phase | Ingredient                                        | INCI                             | Function       | %WT    |
|-------|---------------------------------------------------|----------------------------------|----------------|--------|
| A     | Feelz PC 325                                      | PEG 6 Caprylic/Capric Glycerides | Solubillizer   | 2.5    |
|       | Fragrance                                         | Fragrance                        | Emollient      | 0.05   |
|       | Water                                             | Aqua                             | Gloss improver | To 100 |
|       | Allantoin                                         | Allantoin                        |                | 0.2    |
|       | 1,3-Butylene Glycol                               | 1,3-Butylene glycol              | Humectant      | 1.4    |
|       | Glycerine                                         | Glycerine                        | Humectant      | 1      |
|       | DMDM Hydantoin                                    | DMDM Hydantoin                   | Preservative   | q.s    |
|       | Procedure: Mix the ingredients in the given order |                                  |                |        |

# Feelz PC 325

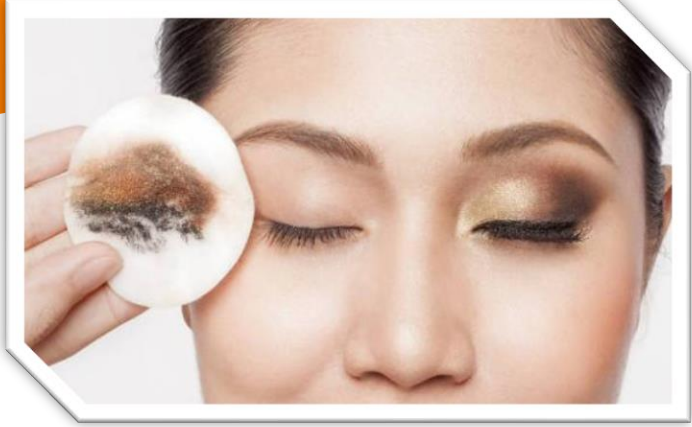
## Emolliency

| Phase                                                                                                                                                 | Ingredient     | INCI                                            | Function     | With PC 325 | Without PC 325 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------|--------------|-------------|----------------|
| A                                                                                                                                                     | Water          | <i>Aqua</i>                                     | Solvent      | To 100      | To 100         |
|                                                                                                                                                       | Carbomer       | <i>Carbomer</i>                                 | Thickener    | 0.5         | 0.5            |
|                                                                                                                                                       | Feelz PC 325   | <i>PEG 6<br/>Caprylic/Capric<br/>Glycerides</i> | Emollient    | 5           | -              |
|                                                                                                                                                       | Glycerine      | <i>Glycerine</i>                                | Humectant    | 10          | 10             |
|                                                                                                                                                       | DMDM Hydantoin | <i>DMDM Hydantoin</i>                           | Preservative | q.s         | q.s            |
| Procedure: Disperse carbomer into water and mixed until homogenous. Add the following ingredients in order while mixing until a clear gel is obtained |                |                                                 |              |             |                |



Feelz PC 325 gives good emolliency to the skin while maintaining a clear transparent gel

# Makeup Remover



## Attributes

*Gentle to the skin*

*Removes makeup effectively*

## Guided Formulation

| Phase                                                         | Ingredient      | INCI                                   | Function               | %W/W   |
|---------------------------------------------------------------|-----------------|----------------------------------------|------------------------|--------|
| A                                                             | Water           | <i>Aqua</i>                            | Solvent                | To 100 |
|                                                               | Allantoin       | Allantoin                              | Soothing agent         | 0.2    |
|                                                               | Butylene glycol | <i>Butylene glycol</i>                 | Humectant              | 1.4    |
|                                                               | Feelz GZ 101    | <i>Glycerine</i>                       | Humectant              | 1      |
|                                                               | Feelz PC 325    | <i>PEG-6 caprylic/capric glyceride</i> | <i>Cleansing agent</i> | 2.5    |
|                                                               | Sodium Benzoate | Sodium Benzoate                        | Preservative           | 0.5    |
| Procedure: Combine Phase A in order and mix until homogenous. |                 |                                        |                        |        |

# THANK YOU



Our Mission :

**“WE INVENT FOR A SUSTAINABLE FUTURE”**

- In CIDOLS, we come together as a team to create solutions that nurture, protect and improve performance as a contribution to a sustainable future



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