



Reflez WO 10

W/O Emulsifier





Function

1. W/O emulsifier
2. Single emulsifier
3. Able to emulsifier high content of water

Origins

Alcohol



Acid



Cancer ⓘ



None

High

Developmental & Reproductive Toxicity ⓘ



None

High

Allergies & Immunotoxicity ⓘ



None

High

Source: EWG (The Environmental Working Group)

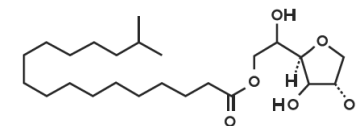
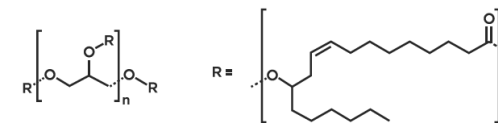
Polyglyceryl-3 polyricinoleate and Sorbitan Isostearate

1

REFLEZ WO 10

Polyglyceryl-3 Polyricinoleate and Sorbitan Isostearate

CAS number: 68936-89-0, 711902-01-7



GROUP
ECOCERT

Reflez WO 10



Features

- 100% Natural Emulsifier
- Able to emulsify high water content
- Chemically stable against oxidation



Applications

- Skin care
- Sunscreen

Reflez WO 10

Hot Process



Cold Process



WO 10 is suitable w/o emulsifier for cold process. No heating is required during processing hence it can help to reduce cost in terms of time and energy.

WO 10 is able able to emulsify high water content ($>70\%$) formulation while still providing a glossy appearance

W/O Protective Cream



Attributes

Glossy cream with good protection layer. Suitable for cracked heels

Guided Formulation

Phase	Ingredient	INCI	Function	%W/W
A	Water	<i>Aqua</i>	Solvent	To 100
	Glycerine	Glycerine	Humectant	4
	MgSO4.7H2O	MgSO4.7H2O	Stabilizing Salt	0.8
B	<i>Naturaz GI 202</i>	<i>Triisostearine</i>	<i>Emollient</i>	<i>0.5</i>
	Reflez WO 10	<i>Polyglyceryl-3 polyricinoleate and Sorbitan Isostearate</i>	Emulsifier	3.5
	Feelz MM 201	Myristyl Myristate	Emollient	5
C	Euxyl 9010	Phenoxyethanol (and) ethylhexylglycerine	Preservative	q.s
Procedure: Combine ingredients in Phase A until homogenous. In a separate beaker combine ingredients in Phase B. Then slowly Phase A into Phase B drop wise under stirring. Homogenize the mixture and add Phase C				

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



Email : keith@cidols.com
T +60 3 3163 1679