



Reflez ME 30

Emulsifying Agent

Origins

Alcohol



Acid



Cancer ⓘ



None

High

Developmental & Reproductive Toxicity ⓘ



None

High

Allergies & Immunotoxicity ⓘ



None

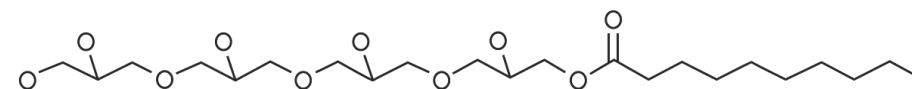
High

Source: EWG (The Environmental Working Group)

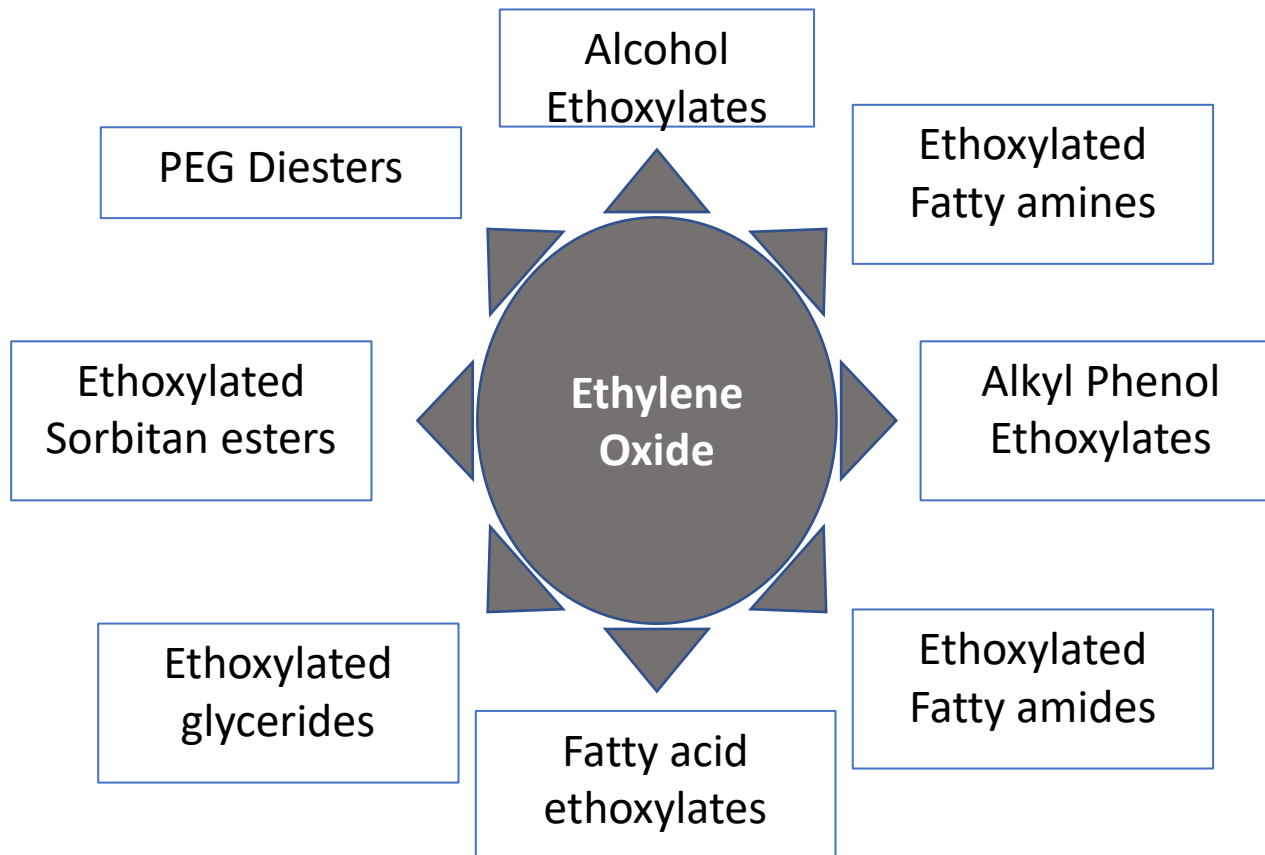
Reflez ME 30

Polyglyceryl-10 Oleate, Polyglyceryl-4 Oleate, Polyglyceryl-2 Oleate, Phytosteryl Isostearyl Dimer Dilinoleate

CAS number: 79665-93-3, 71012-10-7, 49553-76-6, 378789-55-0



Reflez ME 30



VS

NATURAL MOLECULE



Safer & Sustainable!

*"Carcinogenic contaminants are the primary concern,
- **PEG** compounds themselves show some evidence of
genotoxicity and if used on broken **skin** can cause
irritation and systemic toxicity."*

Reflez ME 30



Features

- Suitable for cold process
- PEG free
- Almost odorless



Applications

- Makeup remover
- Cleansing oil

Reflez ME 30

Reflez ME 30 (compatibility)

Type of Oil	Reflez ME 30
Mineral Oil	Soluble
Isononyl isononanoate	Soluble
Triethylhexanoin	Soluble
Sunflower oil	Insoluble
Dimethicone	Insoluble
Cyclopentasiloxane	Insoluble

Evaluation method:

Prepare mixtures of Reflez ME 30: oil sample (2:8)

Mix and observed the appearance of the mixture at room temperature

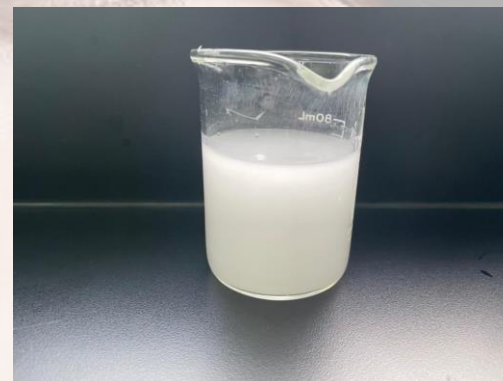
Reflez ME 30

Emulsifying Properties

Reflez ME 30 in oil makes it readily emulsify when in contact with water



Readily emulsify in water



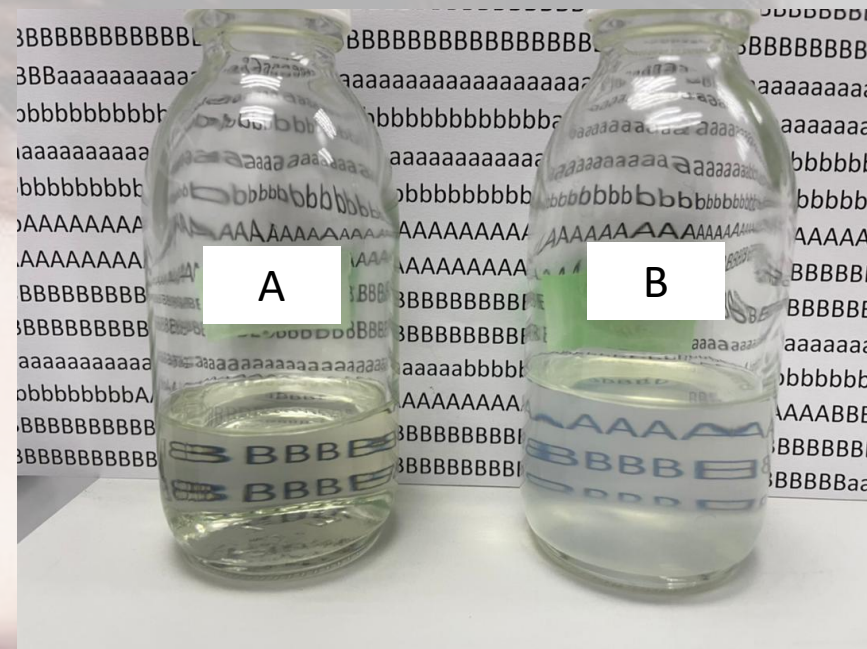
Excellent emulsion ability after mixing

Natural Based
Cleansing oil

Reflez ME 30

Cleansing Oil Appearance

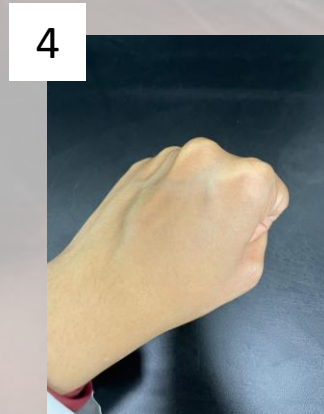
Phase	Ingredient	INCI	Function	A	B
A	Naturaz IL 208	<i>Isoamyl Laurate</i>	Emollient	To 100	To 100
	Feelz PC 309	<i>Propylene glycol dicaprates/caprylates</i>	Emollient	40	40
	Reflez ME 30	<i>Polyglyceryl 10 oleate, Polyglyceryl-4 Oleate, Polyglyceryl-2 Oleate and Phytosteryl Isostearyl Dimer Dilinoleate</i>	Emulsifier	12	-
	Reflez PGO 101	<i>Polyglyceryl 10 oleate</i>	Emulsifier		12
	Fragrance	<i>Fragrance</i>		0.6	0.6



A: clear after formulate and remains clear
B: slightly cloudy after formulate

Reflez ME 30

Cleansing Properties



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

Phase	Ingredient	INCI	Function	%WT
A	Naturaz IL 208	<i>Isoamyl Laurate</i>	Emollient	To 100
	Feelz PC 309	<i>Propylene glycol dicaprate/caprylate</i>	Emollient	40
	Reflez ME 30	<i>Polyglyceryl 10 oleate, Polyglyceryl-4 Oleate, Polyglyceryl-2 Oleate and Phytosteryl Isostearyl Dimer Dilinoleate</i>	Emulsifier	12
	Fragrance	<i>Fragrance</i>		0.6
Procedure: Mix the ingredients in the given order				

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