

# REINOL®

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## PRODUCT IDENTIFICATION

<b>Trade name:</b>	<b>REINOLWAX PF</b>
<b>Date:</b>	January 2006
<b>Code:</b>	GH/012
<b>Issue:</b>	1
<b>Use:</b>	acid emulsifier for O/W systems which, with small percentages of use (1–3%), enables to realise pleasant emulsions, stable in the course of time and in every condition of pH, even in the presence of electrolytes.
<b>INCI name:</b>	LAURETH-2 PHOSPHATE
<b>Chemical denomination:</b>	Alcohol C12-14, ethoxylated, phosphate
<b>Formula:</b>	$R-(C_2H_4O)_2PO_3H$ $R=C_{12-14}$
<b>Origin (XXII Dir.):</b>	Vegetal/synthetic

## GENERAL CHARACTERISTICS

<b>Appearance at 25°C:</b>	oily clear liquid
<b>Colour:</b>	colourless/light yellow
<b>Odour:</b>	slight, characteristic
<b>Solidification number:</b>	< 10°C
<b>pH (5% emulsion):</b>	2.5 – 3.5
<b>Water (K.F.), %:</b>	3.0 max.
<b>HLB:</b>	10.5
<b>Acid value (mg KOH/g):</b>	20.0 max.

## SOLUBILITIES

<b>Soluble:</b>	in mineral and in many vegetable oils, in fatty alcohols, fatty acids and polyethylene glycol.
<b>Disperdible:</b>	in warm water.

## OTHER INFORMATIONS

No preservatives are added. If the product is maintained in a fresh and dry place, its shelf life is 3 years. REINOL® PF is biodegradable over 90% (OECD).

This product must be preserved, handled and used following hygienic and safety rules of good industrial use and in compliance with effective law disposal. All information and data given herein are based on our present experience but are presented without warranty or responsibility of any kind. This document belongs to REINOL® spa and substitutes every previous edition.