

# REINOL®

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## PRODUCT IDENTIFICATION

|                               |   |
|-------------------------------|---|
| <b>Trade name:</b>            | <b>REINOLDERM OLV7</b>  |
| <b>Date:</b>                  | February 2006   |
| <b>Code:</b>                  | GH/008  |
| <b>Issue:</b>                 | 1   |
| <b>Use:</b>                   | non ionic emulsifying system 'acid stable' derived from olive oil for cosmetic O/W creams and lotions.. |
| <b>Chemical denomination:</b> | fatty acids, olive, polyethylenglycolic ester   |
| <b>INCI name:</b>             | PEG-4 OLIVATE   |
| <b>Origin (XXII Dir.):</b>    | vegetal/synthetic   |

## GENERAL CHARACTERISTICS

|  |                        |
|--|------------------------|
| <b>Appearance at 25°C:</b>               | waxy solid, flakes     |
| <b>Colour:</b>                           | white                  |
| <b>Odour</b>                             | slight, characteristic |
| <b>Pour Point:</b>                       | 54°C approx.           |
| <b>Water, % (K.F.):</b>                  | 1.0 max.               |
| <b>pH, 5% water dispersion:</b>          | 5 – 7                  |
| <b>HLB:</b>                              | 11                     |
| <b>Acid value (mg KOH/g):</b>            | 3.0 max.               |
| <b>Saponification number (mg KOH/g):</b> | 90 – 110               |
| <b>(1-4) Dioxane (as weight):</b>        | 5 ppm max              |
| <b>Free ethylene oxide (as weight):</b>  | 1 ppm max              |

## SOLUBILITIES

|                     |  |
|---------------------|--|
| <b>Insoluble:</b>   | in alcohol, cottonseed oil, mineral oil and propylene 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 2 years. REINOL® 70 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.