



Take **CURA** of yourself!



CURA

Paraffinum Liquidum (**white oil**)
and Vaselineum Album (**soft paraffin**)
for Cosmetics

RAMOIL



Typical Properties

CURA-WO white oils and CURA-PJ petroleum jellies standard products are listed below; our custom-formulating ability and expertise allow us to provide tailor-made solutions to meet our customers' needs.

CURA-WO

CHARACTERISTIC	CURA-WO 3/12	CURA-WO 3/20	CURA-WO 4/22	CURA-WO 5/30	CURA-WO 7/45	CURA-WO 9/70	CURA-WO 9/71**	CURA-WO 11/100	CURA-WO 11/101**
Saybolt Color, (ASTM D 156)	Min +30	Min +30	Min +30	Min +30	Min +30	Min +30	Min +30	Min +30	Min +30
Density at 15°C, Kg/m ³ (ASTM D 1298)	Max 863	Max 865	Max 867	Max 870	Max 870	Max 874	860 - 874	Max 880	Max 880
Viscosity at 40°C cSt ASTM D 445	11,5 - 14	14 - 16	20,6 - 26	28 - 33	45 - 50	65 - 72	64 - 78	90 - 100	90 - 110
Viscosity at 100°C cSt ASTM D 445 - Typical	3,1	3,4	4,2	5,2	6,8	8,9	Min 8,5	11,0	11,0
Flash Point COC, °C (ASTM D 92)	Min 175	Min 180	Min 186	Min 190	Min 200	Min 220	Min 230	Min 230	Min 240
Pour Point COC, °C (ASTM D 97)	Max -20	Max -12	Max -12	Max -12	Max -15	Max -12	Max -12	Max -9	Max -9
Reqs. USP, DAB, FUI, BP, JP, EP/ light liquid paraffin	Meets*	Meets	Meets	Meets					
Reqs. USP, DAB, FUI, BP, JP, EP/ liquid paraffin					Meets	Meets	Meets	Meets*	Meets*

*The viscosity does not fall within the Ph. Eur. applicability limits, nevertheless the product meets all the purity requirements of the Ph. Eur.

**Compliant to Colipa Recommendation n.14

CURA-PJ

CHARACTERISTIC	CURA-PJ 4/160	CURA-PJ 5/180	CURA-PJ 6/180	CURA-PJ 7/150	CURA-PJ 7/180	CURA-PJ 9/160	CURA-PJ 12/180*
Saybolt Color (ASTM D 156) - Typical	+24	+25	+22	+18	+12	+16	+20
Congeeing Point, °C (ASTM D 938)	40 - 48	54 - 62	43 - 53	51 - 59	50 - 60	52 - 60	46 - 56
Drop Melting Point, °C (ASTM D 127)	45 - 53	59 - 67	51 - 59	58 - 66	56 - 64	56 - 64	54 - 63
Cone penetration, dmm (ASTM D 937)	145 - 175	160 - 200	160 - 200	140 - 160	160 - 200	145 - 175	160 - 200
Viscosity at 100°C, cSt (ASTM D 445)	3,5 - 5,5	4,0 - 6,0	4,8 - 6,2	5,0 - 9,0	5,0 - 9,0	7,0 - 11,0	11,0 - 14,0
Reqs. USP, DAB, FUI, BP, JP, EP/ soft paraffin	Meets	Meets	Meets	Meets	Meets	Meets	Meets

**Compliant to Colipa Recommendation n.14



CURA-WO

Description

CURA-WO are paraffin white oils, defined in European Pharmacopeia as Liquid Paraffin (Paraffinum Liquidum), specifically developed for cosmetic industry and used as bases for personal care products.

CURA-WO white oils are comparable to pure water, being transparent white, odorless and flavorless. Due to their outstanding chemical inertia they are definitely suitable and safe even for the most sensitive skin. The proper balance of different kind of saturated molecules, allows the use of our extremely versatile oil in the formulation of all kind of emulsions and in driving active ingredients performance into cosmetic products.

Applications

CURA-WO white oils are colorless, odorless and tasteless. High purity and stability levels make CURA-WO white oils an ideal solution for many different cosmetic applications:

- Baby Oil
- Make-up Products
- Depilatory Products
- Body-Care Lotions
- Hair-Care Products
- Lipsticks & Lip Balms
- Sun Lotions
- Skin-Care Products

Flexibility
Efficiency Experience
Innovation
Dynamism
Reliability



CURA-PJ

Description

CURA-PJ are petroleum jellies, defined in European Pharmacopeia as Paraffin White Soft (Vaselineum Album), specifically developed for cosmetic industry.

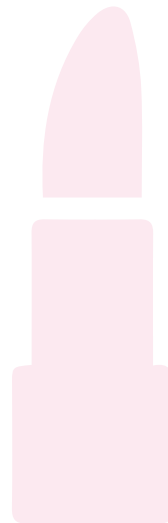
CURA-PJ petroleum jellies range is the combination of the purest, carefully selected, not reactive oils and waxes. They offer excellent moisturizing and soothing properties, empowering the skin natural hydrolipidic balance.

Applications

CURA-PJ petroleum jellies for cosmetic use are colorless, odorless, tasteless and remain inert over time. This provides them the necessary features for their use in the formulation of many cosmetic products and applications, such as:

- Skin-Care Creams & Lotions
- Hair-Care Products
- Lip Balms
- Sun-Care Products
- Body-Care and Massage Products

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General info

Features

CURA-WO and **CURA-PJ** petroleum jellies are the right compromise between high level of purity and biodegradability, to minimize human and environmental impacts. They are essentially free of:

- Microbes
- Animal derivatives
- Toxic PAH
- Heavy metals
- Substances classified as carcinogenic, mutagenic or toxic to reproduction
- Residual solvents
- Toxic chemicals
- Allergens and irritants

Regulation Requirements

CURA-WO white oils and **CURA-PJ** petroleum jellies, are in compliance with:

- USP – NF Pharmacopoeia
- European Pharmacopoeia
- British Pharmacopoeia
- Japanese Pharmacopoeia
- Farmacopea Ufficiale Italiana
- French Codex
- DAB Pharmacopoeia

Health and Safety

Detailed health and safety information for these products are provided in the Material Safety Data Sheet (MSDS), available on request.

Storage and Handling

Shelf life of **CURA-WO** and **CURA-PJ** is 36 months. This is valid for products stored in the original sealed containers, preserved in a covered, not wet, lightless place, far from sources of heat (max storage Temperature 30°C) and pollutants (dust, etc.).

Further Information

Ramoil supplies a range of products and services;
for any other information please contacts us:



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