

ISOPENTYLDIOL

The ingredient to expect
more with less



ISOPENTYLDIOL

A multi-purpose ingredient for innovative cosmetic formulations.

Isopentyldiol is multi-purpose cosmetic ingredient produced by Kuraray. It is a clear, colorless, odorless and totally water-soluble liquid that is safe to use and environmentally friendly.

INCI: Isopentyldiol

Main Personal care applications:

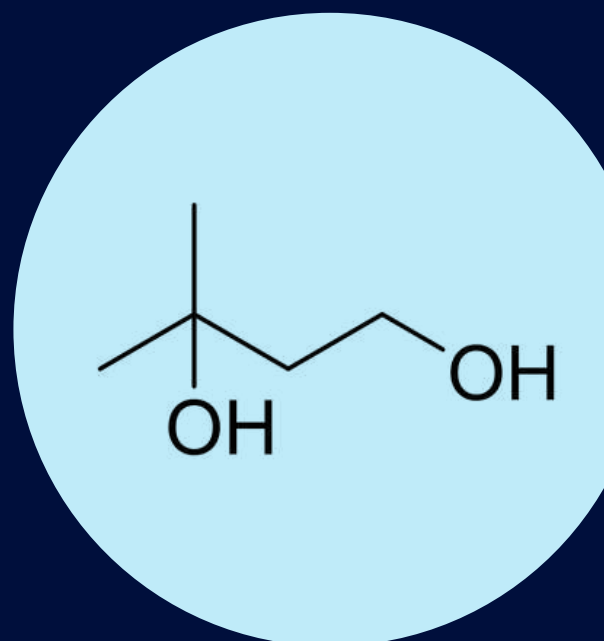
- Hair Care
- Skin Care
- Color Cosmetics
- Cleansers & Make-up removers
- Baby Care
- Sun Care

Main benefits

- Immediate moisturizing effect
- Incredible silky skin feel and not tacky
- Hair repair, color retention...
- Stable to oxidation, pH and T°
- Biodegradable
- Odorless, colorless
- Easy to formulate with

Registration Status: Worldwide registered

- REACH registered
- Quasi drug in Japan
- Listed CRC-Sepa in China
- MITI
- TSCA
- ELINCS



ISOPENTYLDIOL

SKIN CARE

**Enhances silky skin feel and not tacky.
Immediate hydration, no dry feeling.
Easier spreading.
Good solubilization of actives.
SPF improved.**

FACIAL CARE

Anti-ageing creams, acnea treatments, eye contour serums, moisturizing face creams, shaving gels...



SUN CARE

After sun lotions, sunscreens, self-tanning products...



BODY CARE

Creams, lotions, milks, body butters, body mists, hand creams...

kuraray

ISOPENTYLDIOL

CLEANSERS

Leaves a nice silky skin feel, not tacky.

Efficient for removing make-up.

Improves foam.

Immediate moisturizing effect.

Improves sebum and keratin plug cleansing.

CLEANSERS

MAKE-UP REMOVERS

Wet wipes
Pads
Foams
Miscelar lotions
Toners
Bi-phasic
Milks



ISOPENTYLDIOL

COLOR COSMETICS

Silky skin feel and not tacky.
Immediate hydration, no dry feeling.
Good dispersion benefits of pigments.
Improves gloss.
Easier spreading.
Helps cast viscous foundations (80-85°C).
Improves binding of compact powders.



POWDERS

Eye shadow
Compact powder
foundation
Blush
Highlighter



LIQUIDS

Foundations
Primers
Mascaras
Liquid lipsticks



SOLIDS

Lipsticks
Balms

ISOPENTYLDIOL

HAIR CARE

Foam booster.
Improves sebum cleansing.
Repairing effect with sorbitol.
Color preservation.
Easier to comb.
Hair is stronger and shinier with a nice silky feeling.



HAIR TREATMENT

Hair Repair treatment
Color protection shampoos
Conditioners
Hair mists
Hair care masks
Protective sprays

HAIR DYE

Permanent
Semi-permanent

HAIR STYLING

Gels
Waxes
Volumizing powders
Beard oils

ADDITIONAL BENEFITS

Fully soluble in water.

Miscible with many oily phases.

Better dispersion of oxydes.

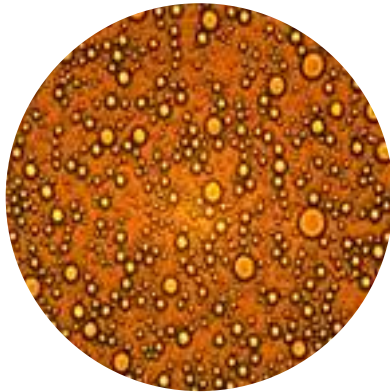
Good solubilizer and carrier of lipophilic and hydrophilic actives.

Preservative booster.

Improves the stability of W/O emulsions.

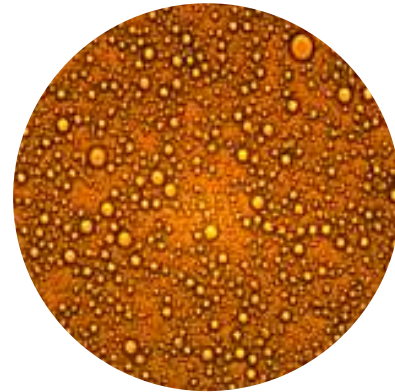
Without IPD

Droplets are larger.



With IPD

Droplets are finer so
the emulsion is more stable.



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