

MIGLYOL® Gel ISD

Strong to the core, with a silky twist

Easy-to-use, cold-processable oleogel providing
thermostable rheology control to W/O & W/Si
emulsions with a weightless, silky soft touch



IOI OLEOCHEMICAL



IOI Oleo GmbH

personalcare@ioioleo.de

www.ioioleo.de

V1.1



MIGLYOL® Gel ISD

Strong to the core, with a silky twist

ABOUT...

- Cold processable oleogel
- Oil dispersible
- Provides thermostable rheology control to W/O emulsions, W/Si emulsions and anhydrous products
- Shear-thinning and thixotropic properties

...SENSORIAL...

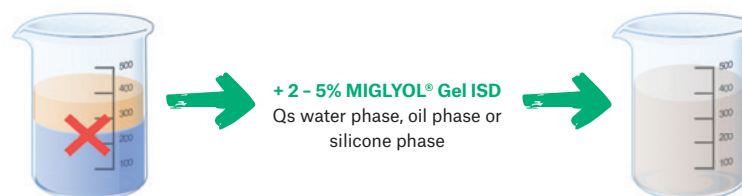
- Silky after-feel
 - Very high gliding
 - No stickiness
 - High penetration
 - Medium oiliness

...EMOTIONS

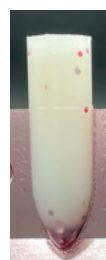
- Vegan compatible
- Skin compatible, mild profile
- Perfect for smooth makeup application and a silky skin care experience

Thermostable rheology control - W/O & W/Si Emulsions

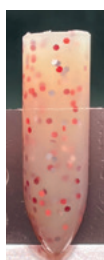
The addition of MIGLYOL® Gel ISD stabilizes W/O & W/Si emulsions, no matter what phase (Water/Oil/Silicone) is reduced.



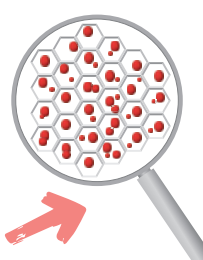
Thermostable rheology control - Pigment Suspension



Without Gel ISD

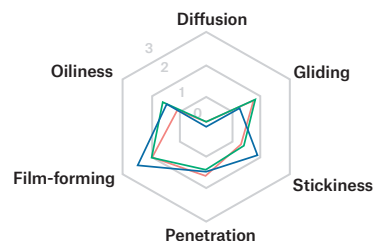


With Gel ISD



MIGLYOL® Gel ISD honeycomb-like structure allows to suspend particles (e.g. pigments) better. It ensures homogeneous pigment distribution for hot filling formulas like lipstick, foundation sticks, sunscreen sticks...

Sensory Experience - Velvet after-feel



MIGLYOL® Gel ISD can provide a wide range of textures depending on its concentration:

- **2%** for lighter W/O emulsions with more oiliness
- **5%** for richer W/O emulsions with higher film-forming, oiliness and stickiness

— Reference

For W/Si emulsion sensory results, please refer to our full product dossier.

INCI

Isododecane (and) Distearidmonium Hectorite (and) Propylene Carbonate

DESCRIPTION

Hectorite clay activated by propylene carbonate and dispersed in isododecane

APPEARANCE, COLOR & ODOR

Light brown matte gel, light characteristic odor

RECOMMENDED CONCENTRATION

1 - 50 % depending on application

BENEFITS FOR...



...FORMULATOR

- Easy to use, already activated
- Cold or hot process
- Viscosity control without soaping



...PRODUCTION

- Easy to weigh and process
- No special equipment needed
- 2 years shelf life



...BRAND

- Well-known INCI
- Broadly accepted worldwide
- Brings a sensory experience



...CONSUMER

- Safe profile
- Silky after-feel
- Vegan compatible



Discover
more [online](#)

