



# Koster Keunen, LLC

*Waxes of Superior Quality Since 1852*

## BEESWAX

Wax #'s 100 - 101 - 200 - 222 - 262 - 315 - 367 - 421 - 423

Beeswax is secreted by the glands of the honeybee (*Apis Mellifera*) and is used as a building material for honeycombs. Modern agriculture depends on professional beekeeping for pollination of crops. The large number of agricultural countries exporting beeswax ensures that beeswax is never in short supply. Because of the highly complex composition of beeswax and its soft pliable nature, beeswax remains an indispensable raw material for many finished products even after centuries of commercial use.

For each customer's application we guarantee consistent quality and availability by careful blending of selected waxes. Quality is strictly controlled in our modern production facilities as well as in our well-equipped laboratory.

### COMPOSITION:

Monoesters	45 to 55%
Hydrocarbons	15 to 18%
Free Fatty Acids	10 to 15%
Di and Complex Esters	8 to 12%
Hydroxy Monesters	4 to 6%
Free Fatty Alcohol	1 to 2%
Minor Components	5 to 10%

### CHEMICAL PROPERTIES

Melting Point	61°C - 65°C
Cloud Point	<65°C
Flash Point	242° - 250°C
Spec Gravity @25°C	0.950 - 0.960
Saponification Value	88 - 102
Acid Value	17 - 24
Ester Value	72 - 79
Ester-Acid Ratio	3.3 - 4.2
Iodine Value	8 - 11

### COMPATIBILITY:

Plant, Animal and Mineral Waxes; Fatty Acids, Fatty Alcohols, Glycerides, Hydrocarbons, Synthetic Waxes and most other Waxes, Resins and Oils.

**USES:** Creams, Lotions, Cold Creams, Depilatories, Ointments, Salves, Sustained Release in Pharmaceuticals, Furniture, Wood and Leather Polishes, Leather, Textile, Wood and Paper Finishes, Candles, Moldings, Lithography and Emulsions other than Cosmetics.

### REGULATORY INFORMATION:

FDA Approved Under Regulation 21 CFR 184.1973  
CAS# 8006-40-4 White Beeswax, & 8012-89-3 Yellow Beeswax  
Japanese Name: Beeswax/JSCI-11-37  
EU Label Name: Cera Alba  
EINECS Number: 232-383-7

**Koster Keunen, LLC**

Phone: 860-945-3333 Fax: 860-945-0330

[www.kosterkeunen.com](http://www.kosterkeunen.com)

email: [info@kosterkeunen.com](mailto:info@kosterkeunen.com)

# 1/4 Cone Penetration Beeswax Oil Gels

