



Technical Data Sheet

SurfaTech Corporation

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(New: 11/2007)

Product Name: SurfaGel[®] Series

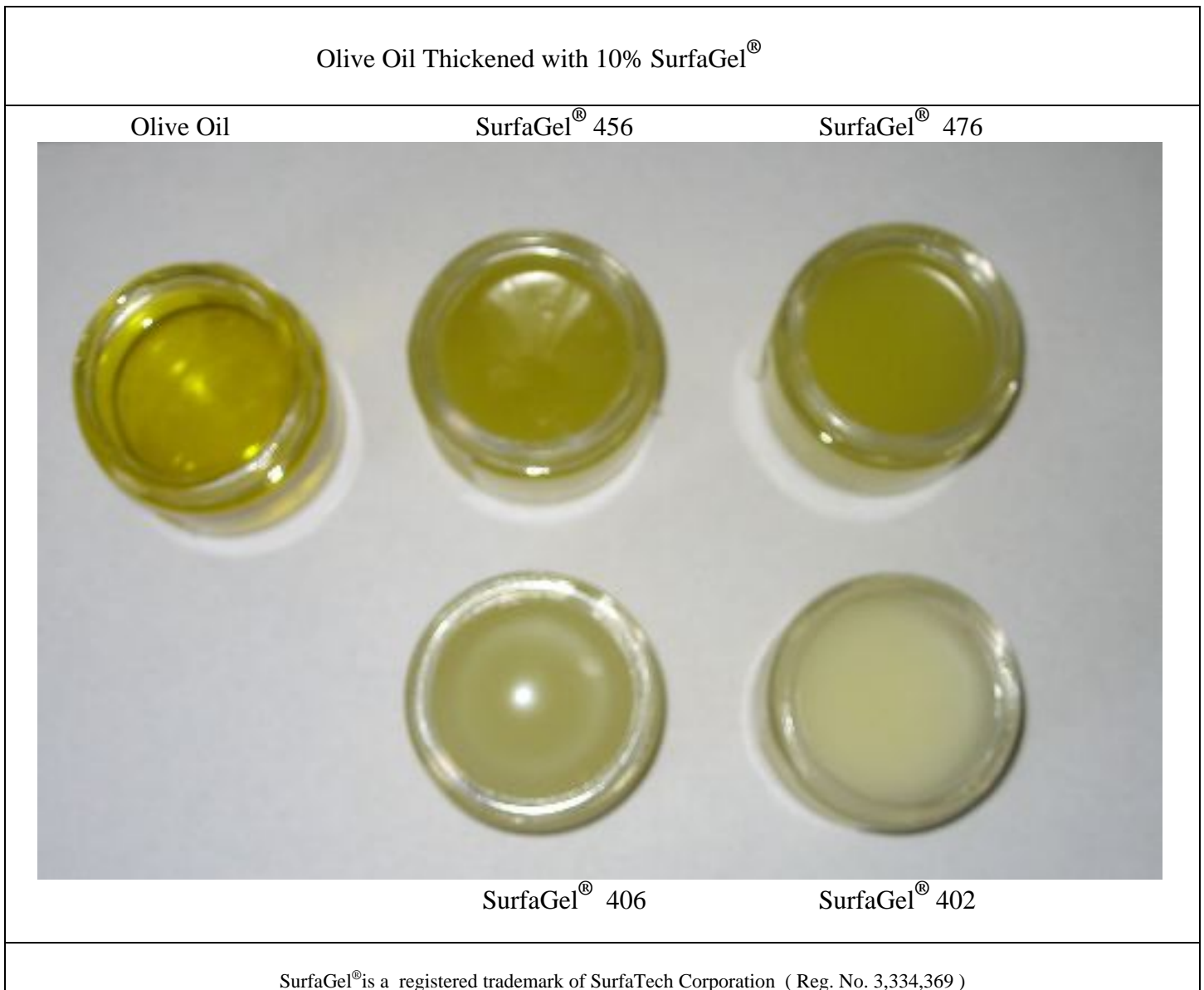
Chemical Description – SurfaTech has developed a series of patent pending alkyl silicone products that gel triglycerides, esters and oil based systems. The amphiphilic nature of the SurfaGel products gel the oil by forming micelles, and also lowers the surface tension of the oil, altering cushion and play time. The inclusion of silicone into these oils provides a concentration dependant viscosity modification of the triglyceride providing the formulator the ability to achieve very different aesthetic properties. The selection of the proper SurfaGel[®] for the oil chosen allows for modification of not only the feel of the gel, but clarity and melt point. Gels made using SurfaGel[®] technology result in gels that can be melted to return to liquid state.

Product Line

Product	INCI Name
SurfaGel [®] 402	Behenyl Dimethicone
SurfaGel [®] 406	Behenyl Dimethicone
SurfaGel [®] 456	Behenyl Dimethicone
SurfaGel [®] 476	Behenyl Dimethicone

Typical Performance:

The effectiveness of the SurfaGel[®] line is demonstrated below using virgin olive oil (90% by weight) and the specified SurfaGel[®]



The SurfaGel[®] series are offered for the skin care, sun care and pigmented product market segments. They can also be used effectively to alter the feel of the oil phase in o/w and w/o emulsions.

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