

Personal Care



ESPECIALIDADES QUÍMICAS
ESQUIM S.A.

Silicone Fluids and Blends

Silicone Fluids Features

- Small change in physical properties over a wide temperature range. A relatively flat viscosity temperature gradient as compared to hydrocarbons
- Excellent thermal stability
- Low pour point
- Chemically inert in contact with most of chemical products and atmospheric agents
- Low surface tension
- Incompatible with most of organic materials
- Excellent water repellency
- High compressibility
- Good dielectric properties over a wide range of temperature and frequencies

Silicone Blends Features

- Durable dry, soft and silky feel
- Good compatibility with cosmetic ingredients due to the high dimethiconol/high polymer content
- Excellent base for hair conditioning agent
- Excellent wash-off resistance
- 100% active ingredients
- Reduces stickiness of greasy formulations

PRODUCT	INCI	Viscosity (cps)	Shower gel	Liquid soap	Body Lotion	Bath oil	Eye make-up	Lipstick	Sun care	Deodorants
ESQUIM FS	Dimethicone	5 – 1.000.000	<input type="radio"/>							
ESQUIM FS-065	Dimethicone	0.65	<input type="radio"/>			<input type="radio"/>				
ESQUIM DP-014A	Cyclopentasiloxane & Dimethiconol	6000	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ESQUIM FM-8230	Cyclopentasiloxane & Dimethicone crosspolymer	Gel	<input type="radio"/>							
ESQUIM FM-8198/4	Dimethicone & Dimethiconol	4000	<input type="radio"/>		<input type="radio"/>					
ESQUIM FM-8198/6	Cyclotetrasiloxane & cyclopentasiloxane & Dimethiconol	6000		<input type="radio"/>		<input type="radio"/>		<input type="radio"/>		
ESQUIM DP-063A	Cyclopentasiloxane & Dimethicone	6500			<input type="radio"/>			<input type="radio"/>		
ESQUIM DP-118A	Disiloxane & Dimethiconol	120			<input type="radio"/>	<input type="radio"/>			<input type="radio"/>	<input type="radio"/>
ESQUIM DP-208A	Cyclopentasiloxane & Dimethiconol	700		<input type="radio"/>						
ESQUIM FM-8868	Dimethicone	15000		<input type="radio"/>				<input type="radio"/>		
ESQUIM FM-508	Cyclopentasiloxane & PEG/PPG-18/18 Dimethicone	2000	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>			<input type="radio"/>	
ESQUIM DP-065A	Dimethicone & trimethylsiloxysilicate	700		<input type="radio"/>		<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	
ESQUIM DP-066A	Cyclopentasiloxane & trimethylsiloxysilicate	500		<input type="radio"/>		<input type="radio"/>				

Cyclic Silicone Fluids

These ranges of products are cyclic polydimethylsiloxanes with very low molecular weight.

Cyclic Silicone Fluids Features

- Low viscosity fluids
- Good volatility and extensibility
- Excellent Surface tension depressants and wetting agents
- Durable and excellent gloss, emollients and water repellents
- Dry and silky touch is obtainable without residual matter after volatilization
- Excellent carriers and vehicles for active ingredients in personal care formulations

PRODUCT	INCI	Shower gel	Liquid soap	Body Lotion	Bath oil	Lipstick	Sun care	Deodorants
ESQUIM FM-404	cyclotetrasiloxane & cyclopentasiloxane			<input type="radio"/>	<input type="radio"/>			
ESQUIM FM-405	cyclopentasiloxane & cyclohexasiloxane	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>				
ESQUIM FM-415	cyclopentasiloxane	<input type="radio"/>						
ESQUIM FM-416	cyclohexasiloxane			<input type="radio"/>				

Modified Silicone Fluids

ESQUIM FM is a wide range of alkyl, aryl and amino-modified silicones for specific applications. Depending on the silicone-to-alkyl ratio and the number of carbons in the alkyl chain, the product present different physical form, from liquids to waxes. Those modifications improve specific properties.

Modified Silicone Fluids Features

- Outstanding solubility characteristics. Solubles in water, alcohols & most other organic solvents, making incorporation into formulations easy
- Compatibles with many silicone and silicone-free cosmetic ingredients
- Excellent Surface tension depressants and wetting agents
- High gloss and shiny effect

PRODUCT	INCI	Shower gel	Liquid soap	Body Lotion	Bath oil	Eye make-up	Lipstick	Sun care	Conditioner	Clear / opaque shampoo
ESQUIM FM-450	Phenyltrimethicone					<input type="circle"/>	<input type="circle"/>	<input type="circle"/>		
ESQUIM FM-490	PEG/PPG 18/18 dimethicone							<input type="circle"/>	<input type="circle"/>	<input type="circle"/>
ESQUIM FM-493	PEG-12 dimethicone	<input type="circle"/>		<input type="circle"/>				<input type="circle"/>	<input type="circle"/>	<input type="circle"/>
ESQUIM FM-498	Laurylmethicone copolyol			<input type="circle"/>	<input type="circle"/>	<input type="circle"/>		<input type="circle"/>	<input type="circle"/>	<input type="circle"/>
ESQUIM FM-498/2	Stearly Dimethicone and Octadecene			<input type="circle"/>						
ESQUIM FM-498/3	Cetyl Dimethicone			<input type="circle"/>						
ESQUIM FM-9077	Amodimethicone			<input type="circle"/>				<input type="circle"/>	<input type="circle"/>	<input type="circle"/>
ESQUIM FM-8126	PEG/PPG 18/18 dimethicone	<input type="circle"/>			<input type="circle"/>			<input type="circle"/>	<input type="circle"/>	<input type="circle"/>

Silicone Emulsions

These kinds of products are silicone in water emulsions just to use silicone fluids in dilute form.

Silicone Emulsions Features

- Excellent storage stability
- Easy dilution with water
- Excellent durable shine, emollient and soft finish.
- Excellent wash-off resistance

PRODUCT	SYSTEM	INCI	Active matter (%)	Styling	Cuticle Coat	Colour Protection	Conditioner	Clear / opaque shampoo	Body lotions
ESQUIM E-301	Silicone fluid	Dimethicone & Laureth-4 & Laureth-23	50	<input type="circle"/>		<input type="circle"/>	<input type="circle"/>	<input type="circle"/>	
ESQUIM E-221M	Aminofunctional silicone fluid	Amidomethicone & Cetrimonium chloride & Trideceth-12	35	<input type="circle"/>					
ESQUIM E-271	Aminofunctional silicone fluid	Amidomethicone & Trideceth-7	20		<input type="circle"/>				
ESQUIM E-8876	Aminofunctional silicone fluid & avocado oil	Aminopropyl dimethicone and persea gratissima oil	40	<input type="circle"/>		<input type="circle"/>			<input type="circle"/>

Chemical Specialties

In our effort to improve our service and the product quality of our customers, ESQUIM SA has developed complementary specialties to our usual range of products.

PRODUCT	SYSTEM	INCI	Description
ESQUIM FD-10	Silicone fluid	Dimethicone	Antifoaming agent, shows an easy and fast dispersion in the medium to be defoamed and an excellent performance in a wide range of pH and temperatures.
ESQUIM E-341	Paraffin emulsion	White mineral oil	Product based on paraffin oil that awards smoothness to the tact and totally compatible with the majority of cosmetic products water based.



c/ Industria, 15
Polígono Industrial Sud
Tel: +34 93 871 11 93
Fax: +34 93 871 13 01
08440 Cardedeu - Barcelona - Spain

www.esquim.com
esquim@esquim.com