



ANCHORChem Inc.

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PERSONAL CARE

At ANCHORChem Inc., our mission is to unite over 35 years of expertise in the silicone industry with the values that define us: Accountability, Never quit, Character, Honesty, Opportunity, and Responsibility. These principles, embodied in the name ANCHOR, are our foundation for cultivating trust and advancing customer-focused innovation.

ANCHORChem is dedicated to delivering dependable and customized silicone solutions that align with the dynamic needs of the personal care industry. Guided by our values, we prioritize integrity and accountable partnerships, offering solutions that support the growth and success of our clients and collaborators.



ANCHORChem portfolio of advanced silicone solutions is crafted to elevate performance across a variety of personal care applications.

- Hair Care** Our hair care silicones are formulated for use in shampoos, conditioners, shine sprays etc. These products offer exceptional conditioning benefits, enhance shine, control frizz, simplify detangling, and shield hair from further damage, delivering a salon-quality experience with every use.
- Skincare** Our skincare silicones bring a luxurious, silky feel to creams, lotions, serums, and treatments. Designed to enhance skin texture, these products smooth fine lines, imparting a more radiant, youthful look while providing an elevated sensory experience.
- Color Cosmetics** Tailored for lipsticks, foundations, eye shadows, primers, and powders, our color cosmetic silicones enhance color vibrancy, provide even coverage, and offer long-lasting wear with superior comfort. They deliver a luminous finish, resist transfer, and ensure consistent performance from application to all-day wear.
- Suncare** In sun-protective creams, lotions, and SPF-enhanced foundations, our silicones work to improve SPF effectiveness, and enhance water and sand resistance, ensuring a comfortable and resilient barrier for sun protection.

Each of our product lines is meticulously developed to bring high-performance solutions to today's personal care innovations.

Dimethicone Fluids

Dimethicone is a versatile silicone widely used in personal care products for its smoothing, moisturizing, and protective properties. It forms a non-greasy barrier on skin and hair, helping lock in moisture and improve texture. In skincare, dimethicone provides a soft, velvety finish, while in color cosmetics, like foundations and primers, it enhances spreadability and wear. In hair care, it reduces frizz, adds shine, and guards against environmental damage, making it ideal for conditioners, serums, and styling products. Its lightweight feel and durability make dimethicone a key ingredient in high-performance formulations.

TRADE NAME	INCI NAME	Viscosity, cSt	Flash Point (°C)
AC-201-5	Dimethicone	5±0.5	≥125
AC-201-10		10±1	≥165
AC-201-50		50±5	≥210
AC-201-100		100±5	≥310
AC-201-200		200±10	≥310
AC-201-350		350±17.5	≥315
AC-201-1,000		1,000±50	≥320
AC-201-12,500		12,500±5%	≥330
AC-201-60,000~1,000,000		60,000~1,000,000±5%	≥330

Volatile Silicone Fluids

Volatile silicone fluids are fast-evaporating silicones that leave a smooth, non-greasy finish, enhancing product spreadability and absorption. Known for their quick-dry and lightweight feel, they're ideal for skincare, makeup primers, sun protection products, deodorants, and setting sprays, where a soft, residue-free finish is essential. In hair care, they add light conditioning without weighing hair down, making them perfect for leave-in treatments and styling products. Volatile silicones are valued for creating high-performance products with a luxurious, sensory-rich experience.

TRADE NAME	INCI NAME	Viscosity, cSt	Specific Gravity (25°C)
AC-201-0.65	Disiloxane	0.65±0.065	0.760~0.770
AC-201-1	Trisiloxane	1±0.1	0.815~0.825
AC-201-1.5	Dimethicone	1.5±0.15	0.845~0.855
AC-201-2	Dimethicone	2±0.2	0.87~0.88
AC-5115	Cyclopentasiloxane	3.8~4.2	0.95~0.96
AC-5156	Cyclopentasiloxane (and) Cyclohexasiloxane	3~8	0.95~0.97
AC-5302	Ethyl Trisiloxane	1±0.3	~

Caprylyl Silicone Fluids

Caprylyl silicone fluids are lightweight silicones that deliver smooth, non-greasy hydration, enhancing texture and spreadability in personal care products. In skincare, they provide a soft, velvety feel and boost ingredient absorption, making them ideal for moisturizers and serums. In hair care, they add shine and smoothness without buildup, making them suitable for conditioners and styling products focused on a lightweight finish.

TRADE NAME	INCI NAME	Viscosity, cSt	Refractive Index(25°C)
AC-5201	Caprylyl Methicone	2~5	1.41~1.43

Amino-Functional Fluids

Amino-functional fluids provide superior conditioning and repair for hair care products. They offer excellent smoothness, softness, and anti-frizz benefits, improve dry and wet combing, and help repair damaged hair. These silicones are easily emulsified, compatible with organic ingredients, and enhance hair manageability without yellowing. Ideal for 2-in-1 shampoos, clear shampoos, conditioners, and leave-in treatments, they offer long-lasting conditioning, superior softness, and improved texture in a wide range of hair care formulations.

TRADE NAME	INCI NAME	Viscosity, cSt	Amine Value
AC-4101	Amodimethicone	4,000~8,000	0.2
AC-4122	Bis-Aminopropyl Dimethicone	5,000~15,000	0.1
AC-4108	Bisamino PEG/PPG-41/3 Aminoethyl PG-Propyl Dimethicone (and) Glycerin (and) Dipropylene Glycol	800~8,000	-

Phenyl Modified Silicones

Phenyl modified silicones offer resistance to oxidation, excellent water resistance, and high compatibility with a wide range of formulations. They provide a non-greasy, silky feel, enhance shine, reduce tackiness, and improve spreading performance, making them ideal for hair care, skin care, and color cosmetics. These silicones form a soft, hydrophobic film that provides long-lasting smoothness, softens hair, and improves manageability. With a high refractive index, they boost gloss and shine, while also enhancing SPF in sunscreen products. Easily emulsified, they're used in hair conditioners, serums, sunscreens, deodorants, and makeup products.

TRADE NAME	INCI NAME	Viscosity, cSt	Refractive Index (25°C)
AC-5351	Diphenyl Dimethicone	380~520	1.485~1.515
AC-5356	Phenyl Trimethicone	15~30	1.455~1.465
AC-5353	Aminopropyl Phenyl Trimethicone	1,000~5,000	1.490~1.510
AC-5355	Trimethyl Pentaphenyl Trisiloxane	150~200	1.5765~1.5785
AC-5359	Diphenylsiloxy Phenyl Trimethicone	10~20	1.4950~1.5050

Alkyl Modified Silicone Oils

Alkyl modified silicone oils offer high lubricity, softness, and excellent demoulding properties. These silicones are compatible with oils, providing great moisture retention, reducing stickiness, and enhancing glossiness, texture, and stability. With low surface tension, they offer superior spreadability, water resistance, and long-lasting effects on the skin. Alkyl modified silicones also improve powder dispersion and enhance the SPF value of sunscreens by effectively combining with UV agents, especially zinc oxide. Ideal for use in skincare creams, lotions, sunscreens, makeup, and household products.

TRADE NAME	INCI NAME	Viscosity, cSt	Specific Gravity (25°C)
AC-5110	Lauryl Dimethicone	2~6	0.810~0.840
AC-3502L	Cetyl Dimethicone	5~10	0.825~0.835
AC-3502H	Cetyl Dimethicone	150~280	0.915~0.925

Silicone Wax

Silicone waxes are high-melting-point silicones that provide a creamy texture and conditioning benefits in personal care products. Known for their film-forming and moisturizing properties, they deliver a soft, smooth finish while adding structure and stability. In skincare and sun care, silicone waxes enhance long-lasting hydration and help create a protective barrier, boosting water resistance in sunscreens. In hair care, they seal in moisture, add shine, and improve manageability without a greasy feel. Their versatility and rich conditioning make silicone waxes ideal for premium skin, hair, and sun care applications.

TRADE NAME	INCI NAME	Specific Gravity (25°C)	Melting Point, °C
AC-3512S	Stearyl Dimethicone	0.800~0.900	38~40
AC-3505	C30-C45 Alkyl Dimethicone	0.920~0.970	65~75

Polyether Modified Silicone Fluids

Polyether modified silicone fluids are versatile ingredients used across various emulsion types, including W/O, O/W, W/Si, Si/W, O/W/O, and W/O/W. They stabilize and clarify formulations, making them ideal for facial lotions, sunscreens, hair styling sprays, and makeup products. These silicone fluids enhance the performance of moisturizers, sunscreens, and antiperspirants by boosting water resistance and SPF, as well as providing anti-static, emulsifying, and wetting properties. They deliver a silky, non-sticky feel and a fresh, non-oily finish, making them well-suited for products that require smooth, stable, and long-lasting formulations.

TRADE NAME	INCI NAME	Viscosity, cSt	Refractive Index (25°C)
AC-4290	PEG/PPG-15/15 Dimethicone	300~600	1.4500~1.4600
AC-4293	PEG-12 Dimethicone	200~500	1.4500~1.4600
AC-8320	Cyclopentasiloxane (and) PEG/P-PG-18/18 Dimethicone	40~125	1.3900~1.4100
AC-8321	Dimethicone (and) PEG/PPG-18/18 Dimethicone	50~1,000	1.3899~1.4099
AC-8322	Lauryl PEG-8 Dimethicone	2,000~4,000	1.4300~1.4500
AC-8325	PEG-10 Dimethicone	400~1,600	1.4100~1.4300
AC-8326	Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	500~2,500	1.4300~1.4500
AC-8329	Cetyl PEG/PPG-10/1 Dimethicone	700~2,300	1.4250~1.4450

Silicone Oils

Silicone oil blends offer a velvety, silky feel and bring exceptional gloss and smoothness to personal care products. These blends form a soft, protective silicone film on skin and hair, delivering a non-greasy finish with excellent spreadability and conditioning. In hair care, they enhance dry and wet combability, improving hair's luster, softness, and manageability. For skincare, silicone oil blends create a superbly smooth, dry, and silky feel, reducing the stickiness of heavier formulas while adding a luxurious texture. Their ability to boost shine, softness, and overall product feel makes these silicone oil blends ideal for premium hair and skin applications. For other custom blend requests, please reach out to your account manager.

TRADE NAME	INCI NAME	Viscosity, cSt	Non-volatile Content, %
AC-1201	Cyclopentasiloxane (and) Dimethicone	5,000~8,000	10~18
AC-1202	Cyclopentasiloxane (and) Dimethiconol	5,000~8,000	10~18
AC-1301	Dimethicone (and) Dimethiconol	1,200~2,500	30~48
AC-1302	Dimethicone (and) Dimethiconol	3,000~5,000	30~48
AC-1401	Dimethicone (and) Dimethiconol	900~2,560	10~18
AC-1431	Dimethicone (and) Dimethicone	2,000~5,000	30~48
AC-1701	C13-14 Isoalkane (and) Dimethiconol	3,500~6,500	15~22
AC-1721	C11-13 Isoalkane (and) Dimethiconol	5,000~8,000	18~25
AC-1203	Cyclopentasiloxane (and) Cyclotetrasiloxane (and) Dimethiconol	5,000~9,000	11~15

Multifunctional silicone oil

Multifunctional silicone oils offer a unique combination of softness, smoothness, and performance enhancing properties in personal care formulations. These silicone oils provide a soft, silky feel with significant slippage and softness, making them ideal for improving texture and lubrication. Their unique rheology helps create lightweight, non-greasy products with excellent spreadability. In hair care, they effectively smooth and add shine to hair, enhancing manageability by taming frizz and improving overall luster. In skin and eye care, these silicone oils provide a silky finish and long-lasting softness, making them suitable for a range of luxurious, high-performance formulations.

TRADE NAME	INCI NAME	Viscosity, cSt	Non-volatile Content, %
AC-1501	Dimethicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer	3,000~5,000	95~99
AC-1502	Dimethicone (and) Dimethicone Crosspolymer	4,000~8,000	90~99
AC-1601	Cyclopentasiloxane (and) Dimethicone Crosspolymer	4,000~6,500	20~30
AC-1602	Cyclopentasiloxane (and) Dimethiconol (and) Caprylyl methicone (and) Dimethicone / Vinyl Dimethicone Crosspolymer	7,000~15,000	18~28

Silicone Resin

Silicone resin offers excellent hydrophobicity, film-forming, and long-lasting properties, making it ideal for durable, glossy finishes. It provides resistance to water wash-off, anti-migration, and improved powder dispersion, ensuring smooth application, enhanced SPF performance, and effective oil and sebum absorption. These resins reduce tackiness, delivering a dry, powdery, non-greasy feel to the skin. Used in protective skin products, sunscreens, hair treatments, makeup, and lotions, silicone resin enhances formulation stability, longevity, and overall texture.

TRADE NAME	INCI NAME	Appearance	Bulk Density, g/cm ³
AC-9810	Trimethylsiloxysilicate	White powder	0.45~0.75
AC-9810A	Trimethylsiloxysilicate	Colorless to light yellow, transparent liquid	-
AC-9820	Trimethylsiloxysilicate (and) Polypropylsilsesquioxane	White powder	0.45~0.75

TRADE NAME	INCI NAME	Viscosity, cSt	Resin Content, %
AC-9812	Trimethylsiloxysilicate (and) Dimethicone	300~800	40~60
AC-9815	Trimethylsiloxysilicate (and) Cyclopentasiloxane	300~500	40~60
AC-9819	Trimethylsiloxysilicate (and) Polypropylsilsesquioxane (and) Isododecane	100~1,000	75~80

TRADE NAME	INCI NAME	Appearance	Average Grain Diameter, μm
AC-9902	Polymethylsilsesquioxane	White Powder	2
AC-9905			5
AC-9907			7
AC-9910			10

Silicone Elastomer

Silicone elastomers offer a smooth, cushion-like texture with excellent spreadability and a silky, non-greasy finish. They provide film-forming and water-resistant properties, enhance viscosity, and fill lines for a velvety, powdery-soft feel. Ideal for skincare, sunscreens, color cosmetics, foundations, primers, and hair care, they deliver anti-static, anti-frizz benefits, extended wear, and improved product feel.

TRADE NAME	INCI NAME	Viscosity, cSt	Non-volatile Content, %
AC-2040	Cyclopentasiloxane (and) Dimethicone /Vinyl Dimethicone Crosspolymer	250,000~580,000	13~17
AC-2040H	Cyclopentasiloxane (and) Dimethicone Crosspolymer	250,000~500,000	≥14
AC-2040S	Cyclopentasiloxane (and) Dimethicone /Vinyl Dimethicone Crosspolymer	200,000~500,000	> 10
AC-2041	Dimethicone (and) Dimethicone /Vinyl Dimethicone Crosspolymer	250,000~580,000	> 70
AC-2041H	Dimethicone (and) Dimethicone Crosspolymer	200,000~500,000	> 50
AC-2046	Cyclopentasiloxane (and) Dimethicone Crosspolymer (and) Dimethicone /Vinyl Dimethicone Crosspolymer (and) Dimethiconol	250,000~450,000	14~17
AC-2045	Cyclopentasiloxane (and) Dimethicone /Vinyl Dimethicone Crosspolymer	300,000~600,000	11~14
AC-2045H	Cyclopentasiloxane (and) Dimethicone Crosspolymer	300,000~550,000	11~13
AC-2080	Caprylyl Methicone (and) Cyclopentasiloxane (and) Dimethicone Crosspolymer	150,000~300,000	16~18
AC-2086	Cyclopentasiloxane (and) Caprylyl Dimethicone Ethoxy Glucoside (and) Dimethicone Crosspolymer	2,000 ~ 50,000	22~32

TRADE NAME	INCI NAME	pH	Non-volatile Content, %
AC-2266	Dimethicone /Vinyl dimethicone Crosspolymer (and) Laureth-3 (and) Laureth-25	5.0~7.5	62~68
AC-2267	Dimethicone Crosspolymer (and) C12-14 Pareth-12	3.0~7.5	60~65

TRADE NAME	INCI NAME	Apperance	Average Particle Size, μm
AC-2106	Dimethicone /Vinyl Dimethicone Crosspolymer	White powder	20
AC-2107	Dimethicone /Vinyl Dimethicone Crosspolymer (and) Silica	White powder	15
AC-9108	Vinyl Dimethicone /Methicone Silsesquioxane Crosspolymer	White powder	10

Silicone Emulsion

Silicone emulsions provide excellent hair conditioning, moisture retention, color retention, and a silky, non-greasy feel. They enhance hair manageability, reduce frizz, and act as heat protectors. These emulsions are easily incorporated into formulations and are widely used in hair care products such as regular and clear shampoos, conditioners, treatments, and color-safe products. They deliver long-lasting softness, improved texture, and formulation stability.

TRADE NAME	INCI NAME	Silicone Content,%	Particle Size (D50)
AC-7315	Amodimethicone (and) Laureth-7 (and) Isolaureth-6 (and) Glycerin	≥30	< 50 nm
AC-7334S	Amodimethicone (and) Laureth-3 (and) Laureth-9	20~23	< 50 nm
AC-7318	Amodimethicone (and) Trideceth-5 (and) Trideceth-10 (and) Glycerin	20~26	< 50 nm
AC-7230	Silicone Quaternium-18 (and) Trideceth-3 (and) Trideceth-9	22~30	< 0.2 μm
AC-7258	Dimethiconol (and) TEA-dodecylbenzenesulfonate (and) Trideceth-12	50~55	< 0.2 μm
AC-7461	Dimethicone (and) Trideceth-3 (and) Trideceth-10	58~64	< 10 μm
AC-7314	Amodimethicone (and) Cetrimonium Chloride (and) Trideceth-12	33~37	< 0.3 μm
AC-7314A	Amodimethicone (and) Cetrimonium Chloride (and) Trideceth-12	35~40	< 0.3 μm
AC-7280	Bis-Cetearyl Amodimethicone (and) Ceteareth-7 (and) Ceteareth-25	40~50	< 0.5 μm
AC-7412	Dimethiconol (and) TEA-Dodecylbenzenesulfonate (and) Trideceth-10	54~58	< 0.2 μm
AC-7422	Dimethiconol (and) TEA-Dodecylbenzenesulfonate (and) Trideceth-10	54~58	< 0.3 μm
AC-7336B	Dimethiconol (and) TEA-Dodecylbenzenesulfonate	59~64	< 1 μm
AC-7336BP	Dimethiconol (and) TEA-Dodecylbenzenesulfonate	59~63	< 1 μm
AC-7336C	Dimethiconol (and) TEA-Dodecylbenzenesulfonate	≥50	< 1 μm
AC-7336D	Dimethiconol (and) Sodium dodecylbenzenesulfonate	48~54	< 1 μm
AC-7260	Dimethicone (and) Laureth-4 (and) Laureth-23	65~70	< 3 μm
AC-7480	Dimethicone (and) Cocamidopropyl Betaine (and) C12-15 Pareth-3 (and) Guar Hydroxypropyltrimonium Chloride	66~70	28-42 μm
AC-7488	Dimethicone (and) Laureth-4 (and) Laureth-23	66~70	15-45 μm
AC-7490	Dimethicone (and) Trideceth-6 (and) Trideceth-3 (and) Steareth-6	70~74	15-45 μm