

Lotioncrafter

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Cyclomethicone and Fragrance Oils

As more and more of us work with cyclomethicone in the creation of cyclomethicone based room, linen and body sprays, we're coming to find that not all fragrance and essential oils are miscible in cyclomethicone. Miscibility is the ability of two liquids to mix without separation into separate phases.

There is obviously one or several aroma chemicals in some of the fragrance oils that do not combine with cyclomethicone. However, since the blends are proprietary, there is no way to know what those are.

The INCI name cyclomethicone covers a variety of blends which will vary from vendor to vendor. They are not all the same, although all can use the same INCI name. Cyclomethicone fluids can be only one or a combination of D3, D4, D5, D6, D7, D8 volatile fluids. For example, our Lotioncrafter LC995 is 99.5% cyclopentasiloxane (D5) and our LC8515 is 85% cyclotetrasiloxane (D4) and 15% cyclopentasiloxane (D5). From what we have seen so far, it probably doesn't matter which cyclomethicone blend you have (or from what vendor), if the FO or EO is not miscible in one, it probably won't be in any of them. We have tested straight D4 and straight D5 and my testing of some of the immiscible FOs and EOs seems to bear this out.

If you'd like to assist with this project, here's what you can do. The best way to test is to simply pour about a teaspoon of cyclomethicone into something like a shot glass. Add a couple drops of the FO or EO in question, and stir well. It will either mix completely and the mixture will clear promptly, or it will puddle on the bottom or create a hazy/cloudy mix with suspended droplets that will eventually settle to the bottom. Some fragrances that are initially hazy may clear given enough time; some never will. If an initially hazy mixture appears to have cleared, be sure to stir it up to make sure the FO hasn't simply settle to the bottom. Report your findings to jenwelch@rockisland.com and we'll add them to the database. Please be sure to include the Vendor Name and the full Fragrance Name with your results.

It is important to note that even immiscible fragrance oils can be used in the creation of scented cyclomethicone products, because the scent is picked up by the cyclomethicone in most cases, with the immiscible fraction settling out. It may simply mean that working with these will be a two step process. Instead of simply adding FO or EO to cyclomethicone in a bottle, you mix it in a larger vessel, let the immiscible portion settle out and decant the scented cyclomethicone into your retail bottles. This is no big deal, but is nice to know ahead of time!

This database is a collaborative effort and is meant to be a guideline. It is possible your results may vary.

Vendor	Scent	Miscible With Cyclomethicone
Bitter Creek	Dream Weaver	Yes
Bitter Creek	Love Potion	Yes
Bitter Creek North	Angel	Yes
Bitter Creek North	Coconut	No
Bramble Berry	Almond Biscotti	No
Bramble Berry	Applejack Peel	No
Bramble Berry	Apricot Freesia	Yes
Bramble Berry	Basil Lime	Yes
Bramble Berry	Bonsai	Yes
Bramble Berry	Chamomile Bergamot	Yes
Bramble Berry	Energy	Yes
Bramble Berry	Ginger Lime	Yes
Bramble Berry	Herbal Essence (Type)	Yes
Bramble Berry	Jasmine	Yes
Bramble Berry	Jasmine Dreams	Yes
Bramble Berry	Juniper Sage	No

Vendor	Scent	Miscible With Cyclomethicone
Bramble Berry	Karma Blend (99% Natural)	Yes
Bramble Berry	Lavender	Yes
Bramble Berry	Lettuce	Yes
Bramble Berry	Lilac	Yes
Bramble Berry	Lime	Yes
Bramble Berry	Mango Mango	No
Bramble Berry	Mulberry	Yes
Bramble Berry	Ocean Rain	Yes
Bramble Berry	Orchid	Yes
Bramble Berry	Pink Grapefruit	Yes
Bramble Berry	Pineapple Cilantro	Yes
Bramble Berry	Plumeria	Yes
Bramble Berry	Rise & Shine	Yes
Bramble Berry	Rosehip Jasmine	Yes
Bramble Berry	Sensuous Sandalwood	Yes
Bramble Berry	Spearmint Eucalyptus	No
Bramble Berry	Tangerine	Yes
Bubbles-n-Lights	Amber Romance	Yes
Bubbles-n-Lights	Victorian Vanilla	No
Completely Scentsational	Grapefruit Jasmine	Yes
Completely Scentsational	Happy (Clinique Type)	Yes
Completely Scentsational	Lovespell	Yes
Craft Lobby	Eucalyptus	Yes
Craft Lobby	Spearmint	Yes
Cybill	Sensual	Yes
Cybill	Yuzu	Yes
FNWL	Chanel #5 (Type)	Yes
FNWL	Lavender Vanilla	Yes
Heavenly Country Scents	Vanilla Lace	No
Herbals by RJ	Lilac	Yes
Herbals by RJ	Moonlight Path	Yes
Herbals by RJ	Sweet Pea	Yes
ICS	Pink Sugar	No
IFT	Lemon Verbena	Yes
Jaclyn Rose	Red Clover	Yes
Kangaroo Blue	Tahitian Splendor	Yes
Lebermuth	Ocean Breeze	Yes
Lorann Oils	Rose	No
MMS	Enchanted Apple	Yes
MMS	Elements of Bamboo	Yes
MMS	Green Tea	Yes
MMS	Lemon Verbena	Yes
MMS	Lilac	Yes
MMS	Posh Petals	Yes
MMS	Sun Ripened Raspberry	No
Moon Mountain Soap	Fresh Squeezed Lemon	No
Nature's Garden	CocoMango	Yes
Oregon Trail	Angel (95% - takes time)	Almost
Oregon Trail	Baby Roses	No
Oregon Trail	Black Raspberry & Vanilla	No
Oregon Trail	Cabernet	No
Oregon Trail	Cherry Garcia	Yes
Oregon Trail	Chocolate Truffle	Yes
Oregon Trail	Coconut Lime Verbena	Yes

Vendor	Scent	Miscible With Cyclomethicone
Oregon Trail	Gee Your Hair Smells Terrific	Yes
Oregon Trail	Love Spell	Yes
Oregon Trail	Peony	Yes
Oregon Trail	Sandalwood Rose	Yes
Oregon Trail	Tender Tulip	Yes
Oregon Trail	Vera Wang	Yes
Oregon Trail	Vetiver	Yes
Oregon Trail	Warm Vanilla Sugar (95% - takes time)	Almost
Oregon Trail	White Satin	No
Oregon Trail	Wood Violet & Sugar Maple	Yes
Patticakes	Cucumber Melon	Yes
Patticakes	Mambo	No
Patticakes	Mountain Lakes	No
Patticakes	Poison	No
Peek Candles	Green Tea	Yes
Rustic Escentuals	Cotton Blossom Ivy	Yes
Rustic Escentuals	Just Peachy	Cloudy
Simple Soothings	Cool Water	Yes
Simple Soothings	Cotton Blossom	Yes
Simple Soothings	Nautica	Yes
Simple Soothings	Sweet Pea	Yes
Simple Soothings	True Antique Lilac (about 90% miscible)	No
Sweetcakes	Aliage (Type)	No
Sweetcakes	Aloe Vera	No
Sweetcakes	Amazing Grace	Yes
Sweetcakes	Amber	No
Sweetcakes	Amber Romance	No
Sweetcakes	Apricot	Yes
Sweetcakes	Aquaflore	Yes
Sweetcakes	Aroma Tonic (Lancome Type)	Yes
Sweetcakes	Awapuhi Seaberry	Yes
Sweetcakes	Bais (Diptyque Type)	Yes
Sweetcakes	Bay Rum	No
Sweetcakes	Bayberry	Yes
Sweetcakes	Bergamot Coriander	No
Sweetcakes	Black Raspberry	Yes
Sweetcakes	Body By Victoria (Type)	No
Sweetcakes	Breathless (Victoria's Secret Type)	No
Sweetcakes	Brown Sugar	No
Sweetcakes	Brown Windsor	No
Sweetcakes	Burberry Britt (type)	Yes
Sweetcakes	Burberry Touch for Men	Yes
Sweetcakes	Burberry Touch for Women	Yes
Sweetcakes	Carrot	Yes
Sweetcakes	Chanel #5 (Type)	No
Sweetcakes	Cherry	No
Sweetcakes	Child (Type) or Cherub	Yes
Sweetcakes	Christmas Spice	No
Sweetcakes	Citron et Figue	Yes
Sweetcakes	Clean	Yes
Sweetcakes	Coconut Lemongrass	No
Sweetcakes	Colorado Breeze	No
Sweetcakes	Contradictions	Yes
Sweetcakes	Cool Water	Yes

Vendor	Scent	Miscible With Cyclomethicone
Sweetcakes	Country Christmas	No
Sweetcakes	Cranberry Spice	No
Sweetcakes	Cucumber & Cantaloupe (Yankee Type)	Yes
Sweetcakes	Dewey Green Cactus	Yes
Sweetcakes	Drakkar Noir	Yes
Sweetcakes	Eau De Sud	No
Sweetcakes	Echinacea	No
Sweetcakes	Econocuke	No
Sweetcakes	Eucalyptus (Thymes Type)	Yes
Sweetcakes	Fall Foliage	No
Sweetcakes	Fracas (Type)	Yes
Sweetcakes	Fracas Deluxe	No
Sweetcakes	Frankincense & Myrrh	No
Sweetcakes	Freesia	No
Sweetcakes	Fresh Grass	No
Sweetcakes	Fructis By Garnier (Type)	Yes
Sweetcakes	Gardenia	No
Sweetcakes	Gin Martini	No
Sweetcakes	Ginger Essence (Origins Type)	Yes
Sweetcakes	Ginger Fig	No
Sweetcakes	Global Garden	Yes
Sweetcakes	Glow by JLo (Type)	No
Sweetcakes	Grapefruit Ginger	Yes
Sweetcakes	Green Clover & Aloe (B&BW Type)	Yes
Sweetcakes	Green Irish Tweed	Yes
Sweetcakes	Green Tea	Yes
Sweetcakes	Heather	Yes
Sweetcakes	Herbal Essences (Clairol Type)	Yes
Sweetcakes	Hibiscus	No
Sweetcakes	Honey	No
Sweetcakes	Honeysuckle Hollow	Yes
Sweetcakes	Hyacinth	Yes
Sweetcakes	Icecap	Yes
Sweetcakes	Icescapes	No
Sweetcakes	Iris	No
Sweetcakes	Jasmine	Yes
Sweetcakes	Jasmine Dreams	Yes
Sweetcakes	Johnson's Bedtime Bath	Yes
Sweetcakes	Jovan Musk for Women	No
Sweetcakes	Karen's Ocean Rain	Yes
Sweetcakes	Kate Blend	No
Sweetcakes	Lavender & Cedar	Yes
Sweetcakes	Lavender (Kiehl's Type)	No
Sweetcakes	Lavender Breeze	Yes
Sweetcakes	Leaf Fragrance	Yes
Sweetcakes	Leather	No
Sweetcakes	Lemon Verbena	Yes
Sweetcakes	Lemon Verbena (Kiehl's Type)	Yes
Sweetcakes	Light Musk	No
Sweetcakes	Lily of the Valley	Yes
Sweetcakes	Lime Margarita	Yes
Sweetcakes	Linden	Yes
Sweetcakes	Magnolia Acacia	Yes
Sweetcakes	Maja	No

Vendor	Scent	Miscible With Cyclomethicone
Sweetcakes	Masculine Musk	Yes
Sweetcakes	Midnight in Tunisia	No
Sweetcakes	Miss Independence Blend	Yes
Sweetcakes	Mistletoe Kiss (Type)	No
Sweetcakes	Moment of Peace	No
Sweetcakes	Moonlight Sonata Blend	No
Sweetcakes	Natural Mandarin Neroli	Yes
Sweetcakes	Nutcracker	No
Sweetcakes	Oakmoss	No
Sweetcakes	Oatmeal, Milk and Honey	No
Sweetcakes	Oceania	Yes
Sweetcakes	Orange Blossom	No
Sweetcakes	Orange Ginger	No
Sweetcakes	Orchid	No
Sweetcakes	Osmanthus	No
Sweetcakes	Pearberry	Yes
Sweetcakes	Pecan Pie	No
Sweetcakes	Peony Petals	Yes
Sweetcakes	Perfect World (Origins Type)	Yes
Sweetcakes	Petite Cherie	Yes
Sweetcakes	Pikaki	No
Sweetcakes	Pineapple	Yes
Sweetcakes	Plum Spice	Yes
Sweetcakes	Pomegranate	Yes
Sweetcakes	Precious Amber	No
Sweetcakes	Purely Herbal	Yes
Sweetcakes	Red Apple	Yes
Sweetcakes	Red Currant (Votivo Type)	Yes
Sweetcakes	Red Rose	No
Sweetcakes	Romance (Type)	Yes
Sweetcakes	Rosemary Mint	No
Sweetcakes	Sage, Sweetgrass & Cedar	Yes
Sweetcakes	Santa's Pipe	No
Sweetcakes	Sapmoss	No
Sweetcakes	Sea Spice	Yes
Sweetcakes	Sexy Men	No
Sweetcakes	Snow Place Like Home	No
Sweetcakes	Special Edition Vanilla	No
Sweetcakes	Spruce Garland	No
Sweetcakes	Stress Relief Scent	No
Sweetcakes	Summer Sorbet	Yes
Sweetcakes	Sunflower	Yes
Sweetcakes	Sweet Rain	No
Sweetcakes	Sweet Yellow Pear	No
Sweetcakes	Sweetgrass	Yes
Sweetcakes	Tahitian Petals	Yes
Sweetcakes	Tomato Leaf	No
Sweetcakes	Tranquil Sleep	No
Sweetcakes	True Mango	Yes
Sweetcakes	True Rose	No
Sweetcakes	Tuberose Deluxe	Yes
Sweetcakes	Vanilla Essence (Kiehl's Type)	No
Sweetcakes	Vera Wang	Yes
Sweetcakes	White Vanilla	No

Vendor	Scent	Miscible With Cyclomethicone
Sweetcakes	Wisteria	Yes
Sweetcakes	Woodlands (B&BW Type)	No
Sweetcakes	Woodsmoke	No
Sweetcakes	World's Best Magnolia	Yes
Sweetcakes	Yuzu	Yes
Sweetscents	Colorado Wild Flowers	Yes
Sweetscents	Cuke Melon	Yes
Sweetscents	Jasmine 2%	No
Sweetscents	Lilac	Yes
Sweetscents	Pinion	Yes
TDF	French Vanilla	No
TDF	Rain	Yes
TDF	Red Rose	Yes
TDF	Sandalwood Vanilla	No
TDF	Texas Peach	Yes
The Scent Shack	Angel	No
The Scent Works!	Andalusian Olive Blossom (95%-takes time)	Almost
The Scent Works!	Baby Bee Buttermilk	No
The Scent Works!	Belgian Chocolate	No
The Scent Works!	Botanical Hemp	No
The Scent Works!	Cardamom	Yes
The Scent Works!	Citrus Jewels	Yes
The Scent Works!	Coconut Lime Verbena	Yes
The Scent Works!	Crème Brulee	No
The Scent Works!	Eucalyptus and Thyme	Yes
The Scent Works!	Fresh Sugar Cane	No
The Scent Works!	Full Moon	Yes
The Scent Works!	Hanae Mori Butterflies	No
The Scent Works!	Kimono (Classic Zen) (takes time)	Yes
The Scent Works!	Lemongrass Sage (95% - takes time)	Almost
The Scent Works!	Lilac, True	Yes
The Scent Works!	Malabar Peppercorn	No
The Scent Works!	Mandarin Coriander	Yes
The Scent Works!	Neroli di Orsini	Yes
The Scent Works!	Ocean (takes time)	Yes
The Scent Works!	Pink Sugar (takes time)	Yes
The Scent Works!	Red Currant Sorbet	Yes
The Scent Works!	Rice Flower & Shea	Yes
The Scent Works!	Rosemary Mint	No
The Scent Works!	Sandalwood Vanilla	No
The Scent Works!	Satsuma Guava	Yes
The Scent Works!	Stella by Paul McCartney Type	Yes
The Scent Works!	Tangerine Thyme	Yes
The Scent Works!	Tobacco Flower	Yes
The Scent Works!	Tonic (Clarins Type)	Yes
The Scent Works!	Vaniglia Del Madagascar	No
The Scent Works!	Winter Solstice	Yes
The Scent Works!	Zen Tea	Yes
Tony's	Applejack & Peel	No
Tony's	Apples Cinnamon & Peach	Yes
Tony's	Badedas (Type)	Yes
Tony's	Blackberry Sage	Yes
Tony's	Buttermint	Yes
Tony's	Christmas Memories	Yes

Vendor	Scent	Miscible With Cyclomethicone
Tony's	Coconut	No
Tony's	Cotton Blossom	Yes
Tony's	Crystal Oasis	Yes
Tony's	Cucumber Melon	Yes
Tony's	Evening Mocha	Yes
Tony's	Frankincense & Myrrh	Yes
Tony's	Fresh Ginger Lime	Yes
Tony's	Gardenia	Yes
Tony's	Green Apple	Yes
Tony's	Green Clover & Aloe (B&BW Type)	Yes
Tony's	Green Tea & Cucumber	Yes
Tony's	Green Tweed	Yes
Tony's	J'Adore (Type)	No
Tony's	Juniper Breeze	Yes
Tony's	Lemongrass	Yes
Tony's	Lime Blossom	Yes
Tony's	Love Spell	Yes
Tony's	Magnolia Melba	Yes
Tony's	Mango Mandarin	Yes
Tony's	Meadow Rain	Yes
Tony's	Oakmoss	Yes
Tony's	Oatmeal, Milk & Honey	Yes
Tony's	Patchouli Musk	Yes
Tony's	Pink Sugar	No
Tony's	Plumeria (mixed reports)	Yes or No
Tony's	Red Clover Tea	Yes
Tony's	Rice Flower & Shea	Yes
Tony's	Sandalwood	Yes
Tony's	Stress Relief	Yes
Tony's	Summer Hill	No
Tony's	Sun Ripened Raspberry	No
Tony's	Sweet Pea	Yes
Tony's	Warm Vanilla Sugar	No
Tony's	Yuzu	Yes
Tradewinds	Mandarin Bamboo	Yes
Tradewinds	Musk	No
Tradewinds	Neroli Blossom	Yes
Tradewinds	Ocean Song	No
Wildways Studios	French Oak and Vanilla	No
WSP	Blooming Tulip	Yes
WSP	Cotton Blossom	Yes
WSP	Mango & Papaya	Yes