



## Shay and Company

Supplier of Wholesale Oils, Butters, Waxes, Candle Supplies and Essential Oils

### Citronella Essential Oil

Lot# 13548

Country of Origin: Indonesia

Manufacture Date: 02/2025

Expiration Date: 02/2028

**Ingredient Name (INCI):** Cymbopogon Winterianus

**Composition:** 100% Citronella Essential Oil

**Packaging:** Pails, HDPE BPA-free jugs, aluminum bottles, amber glass bottles

**Description:** Clear liquid. Characteristic odor.

**Applications:** Skincare, Soap Manufacturing, Candles

**Specific Gravity at 25°C**

1.472

**Refractive Index at 25°C**

0.892

#### Restricted Ingredients

|                              |             |          |
|------------------------------|-------------|----------|
| Citral                       | 5392-40-5   | 25.7600% |
| Citronellal                  | 160-23-0    | 26.0000% |
| Citronellol                  | 106-22-9    | 11-18%   |
| Eugenol                      | 97-53-0     | 2.0000%  |
| Geraniol                     | 106-24-1    | 16.2600% |
| 3,7 Dimethyl-3, 6-Octadienal | 557222-59-3 | 0.4800%  |
| Limonene                     | 138-86-3    | 0.2000%  |
| Linalool                     | 78-70-6     | 15.0000% |

Shelf life is guaranteed for three years from time of manufacture when stored in original, unopened container between 59° F to 86°F and protected from light. Shay and Company diligently sources and provides the highest quality ingredients, but it is the customer's responsibility to ensure the products purchase from Shay and Company meets their expectations. Any additional testing will be the responsibility of the customer.

| EU Allergen            | CAS        | Results |
|------------------------|------------|---------|
| 3-Propylidenephthalide | 17369-59-4 |         |
| 6-Methyl coumarin      | 92-48-8    |         |
| Acetyl cedrene         | 32388-55-9 |         |
| alpha-Isomethyl Ionone | 127-51-5   |         |
| alpha-Terpinene        | 99-86-5    |         |

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|                                                  |                                                     |       |
|--------------------------------------------------|-----------------------------------------------------|-------|
| Amyl cinnamal                                    | 122-40-7                                            |       |
| Amyl cinnamyl alcohol                            | 101-85-9                                            |       |
| Amyl salicylate                                  | 2050-08-0.                                          |       |
| Anethole                                         | 4180-23-8<br>104-46-1                               |       |
| Anise Alcohol                                    | 105-13-5<br>1331-81-3                               |       |
| Benzaldehyde                                     | 100-52-7                                            |       |
| Benzyl Alcohol                                   | 100-51-6                                            |       |
| Benzyl Benzoate                                  | 120-51-4                                            |       |
| Benzyl Cinnamate                                 | 103-41-3                                            |       |
| Benzyl Salicylate                                | 118-58-1                                            |       |
| Beta-Caryophyllene                               | 87-55-5                                             | 0.097 |
| Butyl phenyl methylpropional (Lilial)            | 80-54-6                                             |       |
| Camphor                                          | 76-22-2<br>464-49-3<br>21368-68-3<br>464-48-2       |       |
| Cananga odorata Flower Oil/Extract (Ylang Ylang) | 83863-30-3<br>93686-30-7<br>8006-81-3<br>68606-83-7 |       |
| Carvone                                          | 99-49-0<br>6485-40-1<br>2244-16-8                   |       |
| Cedrus atlantica Oil/Extract (Cedarwood)         | 92201-55-3<br>8023-85-6                             |       |
| Cinnamal                                         | 104-55-2                                            |       |
| Cinnamomum cassia Leaf Oil (Cassia)              | 84961-46-6<br>8007-80-5                             |       |
| Cinnamomum zeylanicum Bark Oil (Cinnamon)        | 84649-98-9<br>8015-91-6                             |       |
| Cinnamyl Alcohol                                 | 104-54-1<br>104-51-6                                |       |
| Citral                                           | 5392-40-5<br>141-27-5<br>106-26-3                   | 0.71  |



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|                                                                                                |                                                                  |       |
|------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------|
| Citronellol                                                                                    | 106-22-926489-01-<br>01117-61-97540-51-<br>46812-78-8141-25-3    | 11.36 |
| Citrus aurantium amara and dulcis Flower Oil (Neroli, Orange Blossom)                          | 72968-50-4<br>8028-48-6<br>8016-38-4                             |       |
| Citrus aurantium amara and dulcis Peel Oil (Orange, Bitter Orange, Sweet Orange, Blood Orange) | 68916-04-1<br>72968-50-4<br>97766-30-8<br>8028-48-6<br>8008-57-9 |       |
| Citrus aurantium bergamia Oil (Bergamot)                                                       | 8007-75-8<br>89957-91-5<br>68648-33-9<br>8007-75-8<br>85049-52-1 |       |
| Citrus limon Oil (Lemon)                                                                       | 84929-31-7<br>8008-56-8                                          |       |
| Coumarin                                                                                       | 91-64-5                                                          |       |
| Cymbopogon citratus/schoenanthus/flexuosus Oils (Lemongrass)                                   | 89998-16-3<br>8007-02-1.<br>91844-92-7<br>89998-14-1             |       |
| Dimethyl Phenylethyl Acetate                                                                   | 151-05-3                                                         |       |
| Eucalyptus globulus Oil (Eucalyptus)                                                           | 97926-40-4<br>8000-48-4                                          |       |
| Eugenia caryophyllus Oil (Clove)                                                               | 8000-34-8<br>8015-97-2<br>84961-50-2                             |       |
| Eugenol                                                                                        | 97-53-0                                                          | 0.92  |
| Eugenyl Acetate                                                                                | 93-28-7                                                          |       |
| Evernia furfuracea Extract (Treemoss)                                                          | 90028-67-4<br>68648-41-9<br>68917-40-8                           |       |
| Evernia prunastri Extract (Oakmoss)                                                            | 90028-68-4<br>9000-50-4<br>68917-10-2                            |       |

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|                                                                              |                                                                                                            |       |
|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------|
| Farnesol                                                                     | 4602-84-0<br>106-28-5<br>3790-71-4<br>16106-95-9<br>3879-60-5                                              |       |
| Geraniol                                                                     | 106-24-1                                                                                                   | 15.04 |
| Geranyl acetate                                                              | 105-87-3                                                                                                   | 1.83  |
| Hexadecanolactone                                                            | 109-29-5                                                                                                   |       |
| Hexamethylindanopyran                                                        | 1222-05-5                                                                                                  |       |
| Hexyl Cinnamal                                                               | 101-86-0                                                                                                   |       |
| Hydroxycitronellal                                                           | 107-75-5                                                                                                   |       |
| Hydroxyisohexyl 3-cyclohexene carboxaldehyde (Lyrall)                        | 31906-04-4<br>51414-25-6                                                                                   |       |
| Isoeugenol                                                                   | 97-54-1<br>5932-68-3<br>5912-86-7                                                                          | 0.09  |
| Isoeugenyl Acetate                                                           | 93-29-8                                                                                                    |       |
| Jasminum grandiflorum/officinale Oil/Extract (Jasmine)                       | 84776-64-7<br>90045-94-6<br>8022-96-6<br>8024-43-9<br>90045-94-6                                           |       |
| Juniperus virginiana Oil (Cedar)                                             | 85085-41-2<br>8000-27-9                                                                                    |       |
| Laurus nobilis Oil (Bay Laurel)                                              | 84603-73-6<br>8002-41-3<br>8007-48-5                                                                       |       |
| Lavandula hybrida, intermedia, angustifolia Oil/Extract (Lavender, Lavandin) | 91722-69-9<br>8022-15-9<br>93455-96-0<br>93455-97-1<br>92623-76-2<br>84776-65-8<br>8000-28-0<br>90063-37-9 |       |
| Limonene                                                                     | 5989-27-5<br>5989-54-8<br>138-86-3<br>7705-14-8                                                            | 4.69  |



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|                                                                                         |                                                                                               |      |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------|
| Linalool                                                                                | 78-70-6<br>126-90-9<br>126-91-0                                                               | 0.57 |
| Linalyl Acetate                                                                         | 115-95-97                                                                                     |      |
| Mentha piperita Oil (Peppermint)                                                        | 84082-70-2<br>8006-90-64                                                                      |      |
| Mentha spicata Oil (Spearmint)                                                          | 84696-51-2<br>8008-79-5                                                                       |      |
| Menthol                                                                                 | 89-78-91<br>2216-51-5<br>1490-04-6<br>15356-60-2                                              |      |
| Methyl 2-Octynoate                                                                      | 111-12-6                                                                                      |      |
| Methyl salicylate                                                                       | 119-36-38                                                                                     |      |
| Myroxylon balsamum var, pereirae Extracts and Distillates (Balsam Peru)                 | 8007-00-9                                                                                     |      |
| Narcissus poeticus/pseudonarcissus/jonquilla/tazetta Extract (Narcissus)                | 90064-26-9<br>68917-12-4<br>90064-27-0<br>90064-25-8                                          |      |
| Pelargonium graveolens Oil (Rose Geranium)                                              | 90082-51-2<br>8000-46-2                                                                       |      |
| Pinene                                                                                  | 80-56-08<br>7785-70-8<br>127-91-3<br>18172-67-3                                               | 0.03 |
| Pinus mugo Leaf and Twig Oil and Extract (Mountain Pine)                                | 90082-72-7                                                                                    |      |
| Pinus pumila Leaf and Twig Oil and Extract (Dwarf Pine)                                 | 97676-05-6                                                                                    |      |
| Pogostemon cablin Oil (Patchouli)                                                       | 84238-39-1<br>8014-09-3.                                                                      |      |
| Rosa damascena/alba/canina/centifolia/gallica/moschata/rugosa Flower Oil/Extract (Rose) | 8007-01-0<br>93334-48-6<br>84696-47-9<br>84604-12-6<br>90106-38-0<br>84604-13-7<br>92347-25-6 |      |



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|                                                               |                                                                                                                                          |      |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------|
|                                                               | 23696-85-7<br>43052-87-5<br>23726-94-5<br>24720-09-0<br>23726-92-3<br>57378-68-4<br>71048-82-3<br>23726-91-2<br>23726-93-4<br>59739-63-8 |      |
| Rose Ketones                                                  |                                                                                                                                          |      |
| Salicylaldehyde                                               | 90-02-8                                                                                                                                  |      |
| Santalol                                                      | 11031-45-1<br>115-71-9<br>77-42-9                                                                                                        |      |
| Santalum album Oil (Sandalwood)                               | 84787-70-2<br>8006-87-9                                                                                                                  |      |
| Sclareol                                                      | 515-03-7                                                                                                                                 |      |
| Terpineol                                                     | 98-55-5<br>138-87-4<br>586-81-2<br>8000-41-7                                                                                             | 0.05 |
| Terpinolene                                                   | 586-62-9                                                                                                                                 | 0.06 |
| Tetramethyl acetyloctahydronaphtalenes                        | 68155-66-854464-57-<br>254464-59-468155-67-<br>9                                                                                         |      |
| Trimethylbenzenepropanol                                      | 103694-68-4                                                                                                                              |      |
| Trimethylcyclopentenyl Methylisopentenol                      | 67801-20-1                                                                                                                               |      |
| Turpentine Gum/Oil/Rectified Oil/Steam Distilled (Pinus spp.) | 8006-64-2<br>9005-90-7<br>8052-14-0                                                                                                      |      |
| Vanillin                                                      | 121-33-5                                                                                                                                 |      |
| Verbena Absolute (Lippia citriodora)                          | 85116-63-8<br>8024-12-2.                                                                                                                 |      |

If this essential oil is to be used in a leave on application, you would be required to report any allergen either directly or indirectly added to this formulation over 10 PPM.

If this essential oil is to be used in a rinse off application, you would be required to report any allergen either directly or indirectly added to this formulation over 100 PPM.

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