



Essential oil

Proudly South African & Foreign Formulations

Presented by Professor Aubrey Parsons 2019

Essential Oils

- Angelica (*Angelica archangelica*)
- Aniseed (*Illicium Verum*)
- Basil (*Ocimum basilicum*)
- Bay (*Pimenta racemose*)
- Benzoin resinoid (*Styrax benzoin*)
- Bergamot (*Citrus bergamia*)
- Black Pepper (*Piper nigrum*)
- Cajuput (*Melaleuca cajiputi*)
- Camphor (*Cinnamomum camphora*)
- Cardamom (*Elettaria cardamomum*)
- Caraway (*Carum carvi*)
- Carrot Seed (*Daucus carota*)
- Cedarwood Atlas (*Cedrus atlantica*)



Essential Oils

- Chamomile Blue Egyptian (*Matricaria recutita*)
- Chamomile Wild Maroc (*Ornithoglossum multicaulis*)
- Chamomile Roman (*Anthemis nobilis*)
- Cinnamon (*Cinnamomum zeylanicum*)
- Citronella (*Cymbopogon nardus*)
- Clary Sage (*Salvia sclarea*)
- Clove Leaf (*Eugenia caryophyllata*)
- Coriander (*Coriandrum sativum*)
- Cummin (*Cuminum cyminum*)
- Cypress (*Cupressa sempervirens*)
- Eucalyptus (*Eucalyptus globulus*)
- Fennel (*Foeniculum vulgare*)
- Frankincense Olibanum (*Boswellia thurifera*)



Essential Oils

- Garlic (*Allium sativum*)
- Geranium (*Pelargonium graveolens*)
- Ginger (*Zingiber officinale*)
- Grapefruit (*Citrus paradise*)
- Ho Leaf (*Cinnamomum camphora*)
- Hyssop (*Hyssopus officinalis*)
- Jasmine Absolute (*Jasmine officinalis*)
- Juniper (*Juniperus communis*)
- Lavender (*Lavandula angustifolium*)
- Lemon (*Citrus limonum*)
- Lemongrass (*Cymbopogon citratus*)
- Lime (*Citrus aurantifolia*)
- Mandarin (*Citrus reticulata blanco*)



Essential Oils

- Marjoram Cultivated (*Marjorana hortensis*)
- Myrrh (*Commiphora Myrrha*)
- Neroli (*Citrus aurantium*)
- Niaouli (*Melaleuca viridiflora*)
- Nutmeg (*Myristica fragrans*)
- Orange (*Citrus sinensis*)
- Origanum (*Thymus capitatus*)
- Palmarosa (*Cymbopogon martini*)
- Patchouli (*Pogostemon patchouli*)
- Peppermint (*Mentha piperita*)
- Petitgrain (*Citrus aurantium*)
- Pimento (*Pimenta officinalis*)
- Pine (Siberian) (*Pinus Sylvestris*)



Essential Oils

- Rose Maroc (Absolute) (*Rosa damascena*)
- Rose Turkish (*Rosa damascene*)
- Rosemary (*Rosmarinus officinalis*)
- Rosewood (*Aniba rosaeodora*)
- Sage (*Salvia lavandulaefolia*)
- Sandalwood (*Santalum album*)
- Spearmint (*Mentha spicata*)
- Spike Lavender (*Lavandula latifolia*)
- Tagette (*Tagettes glandulifere*)
- Tea Tree (*Melaleuca alternifolia*)
- Thyme (*Thyumus serpyllum*)
- Verbena (*Verbena officinalis*)
- Vertivert (*Vertiveria zizanioides*)
- Ylang Ylang (*Cananga odorata*)



Kola

- ALD C 8
- ALD C 9
- CINNAMALDEHYDE
- CITRAL
- CITRONELLYL ACETATE
- CINNAMYL ACETATE
- GERANIOL
- GERANYL ACETATE
- HYDROLAC
- LEMON FL
- LIME OIL DIST BULKED
- LIME OIL T'LESS
- LINALOL
- NUTMEG OIL
- ORANGE OIL BRAZIL
- ORANGE OIL 950
- ALPHA TERPINEOL
- TERPINYL ACETATE



Strawberry Nat

- METHYL CINNAMATE NAT
- IPA
- BUTRIC ACID NAT
- GAMMA DECALACTONE NAT
- ETHYL BUTYRATE NAT
- ETHYL CAPROATE NAT
- ETHYL 2 METHYL BUTYRATE NAT
- GREEN KEY KF1150
- CIS HEXENYL BUTYRATE NAT
- JASMIN ABS
- NEROLI OIL
- ONION OIL 0.1% PG
- NAT PRALINE
- ACETALDEHYDE NAT
- ROSE OTTO TURK



Raisin Nat

- CASTOREUM HYPERABS
- FENUGREEK O/R 6213
- VANILLA O/R
- SVR
- WATER
- ALMOND OIL BUTTER
- CASSIA OIL 80/85
- CITRAL NAT
- CLOVE BUD OIL
- COGNAC OIL
- CORIANDER OIL
- KARLSBAD OIL
- LOVAGE ROOT OIL
- ORANGE FLOWER ABS
- ROSE OTTO TURK
- RUM JAMAICA



Ginger

- GINGER O/R JAMAICA
- GINGER O/R STD
- DIACETIN
- IPA
- CARAWAY OIL
- CASSIA OIL 80/85
- CINNAMON BARK OIL
- CITRAL NAT
- CLOVE BUD OIL
- CORIANDER OIL
- GINGER OIL ENG DIST
- LEMON OIL BULKED
- LEMON TERPENES DIST
- LIME TERPENES DIST
- LINALOL EX BDR
- NUTMEG OIL
- ORANGE E & SQ
- PETITGRAIN OIL PARA TLESS
- TURPRNTINE OIL



Spice

- PG
- ACETIC ACID
- ASAFOETIDA OIL
- CAPSICUM FLAV
- CLOVE BUD OIL
- GARLIC OIL 1% PG
- LINALOL
- NUTMEG OIL
- ONION OIL
- PEPPER OIL BLACK
- PIMENTO BERRY OIL
- PIMENTO LEAF OIL
- ALPHA PINENE
- DIPROPYL DISULPHIDE
- DIPROPYL TRISULPHIDE
- ALPHA TERPINEOL
- CARAMEL SPT SOL
- ALLYL ISO THIOCYANATE



Beef

- FRACT COCONUT OIL
- ACETIC ACID
- 2 ACETYL THIAZOLE
- BASIL OIL PAKISTAN
- BENZALDEHYDE
- DELTA DECALACTONE
- DIACETYL
- FURANEOL 15%
- FURFURAL
- 2-METHYL-3-FURANTHIOL
- FURFURYL MERCAPTAN
- METHIONAL
- METHYL-2 METHYL-3-FURYL DISULPHIDE
- 2-METHYL TETRAHYDROFURAN-3-ONE
- 2-METHYL TETRAHYDROFURANTHIOL 50%
- ONION OIL ENG
- PIMENTO BERRY OIL
- TARRAGON
- THIOPHENOL



Tobacco & Snuff

- AMYL BUTYRATE
- BENZYL ALCOHOL
- BENZYL BENZOATE
- BERGAMOT OIL T'LESS
- BORNYL BUTYRATE BORNYL FORMATE
- BORNYL ISO VALERATE
- BUTYL ACETATE
- CASCARILLA OIL
- CEDARWOOD OIL CHINESE
- CITRONELLOL
- ETHYL ACETATE
- ETHYL BUTYRATE
- ETHYL CAPROATE
- ETHYL PHENYL ACETATE
- GERANIOL
- HYDROXY CITRONELLAL A
- LINALOL EX BDR
- METHYL BENZOATE
- METHYL ANTHRANILATE
- ORANGE OIL T'LESS EXTRA 20X
- PATCHOULI OIL INDONESIAN
- PHENYL PROPYL ALDEHYDE
- ROSE OTTO TURK
- SANDALWOOD OIL EI
- ISO VALERIC ACID
- YKLANG YLANG OIL
- BENZOIN EXT FOR TINCT
- COUMARIN
- MUSK AMBRETTE
- MUSK KETONE
- PERU BALSAM VERAROME
- STORAX
- SVR
- WATER

SNUFF:

- EUCALYPTOL
- MENTHOL
- P METHYL ACETOPHENONE



Cough Drop

- CAYENNE O/R
- MENTHOL
- IPA
- BENZYL ALCOHOL
- CINNAMALDEHYDE
- CITRAL
- CITRONELLAL
- CITRONELOL
- CITRONELLYL ACETATE
- CLOVE BUD OIL
- EUCALYPTUS OIL CHINESE
- GERANIOL
- GERANYL ACETATE
- L LIMONENE
- LINALOL
- LINALYL ACETATE
- MENTHOFURAN
- PEPPERMINT OIL BRAZIL
- PEPPERMINT OIL ARVENSIS NOB
- PEPPERMINT OIL CRYSTALMINT
- ALPHA PINENE
- ALPHA TERPINEOL



Toothpaste

- MENTHOL
- PEPPERMINT OIL WILLIAMETTE
- SPEARMINT OIL AMER
- VANILLIN
- SVR
- ANETHOLE
- CINNAMYL ALCOHOL
- CITRONEOLLOL
- CLOVE BUD OIL
- GERANIOL
- GERANIUM OIL
- GUAIAAC WOOD OIL CIS 3 HEXENOL
- ALPHA METHYL IONONE
- MUSK T (ETHYLENE BRASSILATE)
- NEROL
- PEA



Honey

- BEESWAX SUPERABSOLUTE
- BENZOIN GUM SUMATRA
- CASTOREUM
HYPERABSOLUTE
- FENUGREEK EXT FR
- HELIOTROPIN
- PHENYL ACETIC ACID
- TIGLIC ACID
- VANILLIN
- SVR
- BUTYRIC ACID
- CUMIN SEED OIL
- DAVANA OIL
- ETHYL CYCLOPENTENOLONE
50%
- TRANS 2 HEXENOIC ACID
- LOVAGE ROOT OIL
- NEROLI FL OIL
- NERYL ACETATE
- PERU BALSAM
- PHENYL ETHYL ALCOHOL
- PHENYL ETHYL PHENYL
ACETATE



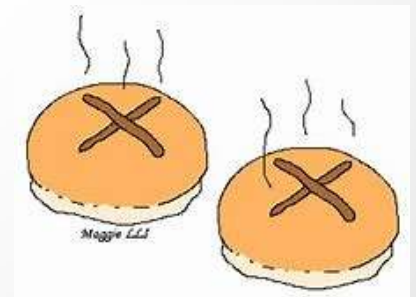
Cherry Kola Nat

- VIOLET LEAVES ABS
- PG
- VANILLA O/R
- WATER
- ALMOND OIL BUTTER
- ANISEED OIL
- ISO BUTYL ACETATE NAT
- CASSIA OIL 80/85
- CHAMOMILE OIL ENG
- CINNAMON BARK OIL
- CITRAL
- ETHYL ACETATE
- FLOUVE OIL
- KOLA NUT EXT
- LEMON NO 1 NA
- LIME FLAV
- ORANGE NO 1 NA
- VANILLA EXT



Bunspice “E”

- VIOLET LEAVES ABS
- PG
- VANILLA O/R
- WATER
- ALMOND OIL BUTTER
- ANISEED OIL
- ISO BUTYL ACETATE NAT
- CASSIA OIL 80/85
- CHAMOMILE OIL ENG
- CINNAMON BARK OIL
- CITRAL
- ETHYL ACETATE
- FLOUVE OIL
- KOLA NUT EXT
- LEMON NO 1 NA
- LIME FLAV
- ORANGE NO 1 NA
- VANILLA EXT



Gin

GIN 1

- BENZALDEHYDE
- CARAWAY OIL T'LESS
- CORIANDER OIL
- JUNIPER BERRY OIL
- SVR
- PG
- WATER

GIN 2

- SVR
- WATER
- JUNIPER BERRY OIL
- LINALOL
- ALPHA PINENE
- TERPINEN-4-OL



Formula for Monastery Herb Liqueur

Distillate

- 300g Lemon Balm
- 300g Coriander
- 150g Hyssop Herb
- 80g Peppermint
- 120g Artemisia
- 100g Angelica Root
- 80g Angelica Seeds
- 80g Ambrette
- 50g Cardamom
- 25g Spearmint
- 25g Ceylon Cinnamon Bark
- 25g Cloves
- 25g Mace
- 25g Thyme
- 25g Sage
- 25g Celery Seeds
- 20l Water

*Process extracted for 3
days*



Physio Rub

Phase A

- Crillet 3
- Crill 3
- Cetyl Alcohol
- Cetiol V
- Shea Butter
- Silicone 200/350
- Emu Oil
- Arnica Oil
- Oxyless Clear

Phase B

- Water DI
- Carbopol 934
- Glycerine

Phase C

- Amphisol K
- Butylene Glycol

Phase D

- Water DI
- TEA 99%

Phase E

- Peppermint Oil
- Menthol
- Camphor Crystals
- Methyl Salicylate
- Rosemary Oil
- Tea Tree Oil



Chemical Composition of Buchu Leaf Oil



COMPOUND	A.betulina %	A.crenulate %
• Alpha-Pinene	0.2 – 1.25	0.4 – 2.0
• Beta-Pinene	t - 0.6	0.2 – 1.3
• Sabinene	t – 1.2	t – 1.8
• Myrcene	0.2 – 2.8	0.1 – 2.6
• Limonene	24.0 – 32.0	25.0 – 30.0
• 1.8-Cineole	t 4.4	t – 1.19
• (E)-beta-Ocimene	0.1 – 0.9	0.1 – 2.6
• Menthone	7.0 – 12.0	3.5 – 5.0
• Isomenthone	18.0 – 35.0	12.0 – 15.5
• Isopulegone	1.0 – 2.5	4.0 – 5.0
• Pulegone	3.0 – 12.0	35.0 – 46.0
• Para-Diosphenol	5.0 – 14.0	0.5 – 2.0
• Diospheno	8.0 – 19.0	0.7 – 2.5
• Trans-8-Mercapto-p-menthan-3-one	0.5 – 0.7	0.6 – 0.8
• Cis-8-Mercapto-p-menthan-3-one	2.0 – 3.5	0.5 – 1.1
• Trans-8-Acetylthio-p-menthan-3-one	t	1.5 – 5.5
• Cis-8-Acetylthio-p-menthan-3-one	t	0.4 – 0.6

The Art of Flavour Creation in Animal Feed

The Flavour formulation can be achieved via a direct approach to obtain the final olfactory image, or via the combination of several bouquets:

- *The Stone*
- *The Fruity note*
- *The Fresh note*

A flavour typically contains 30 to 50 raw materials divided into two categories:

- *Synthetics family (reproductions of molecules which exist in nature)*
- *Essential Oils (derived from plants)*





26 Fragrance Allergens (as per SCCNFP & COLIPA)

-
- 3-METHYL-4-(2,6,6-TRIMETHYL-CYCLOHEXEN-1-YL)-BUTEN-2-ONE
 - AMYL CINNAMAL
 - AMYLCINNAMYL ALCOHOL
 - ANISYL ALCOHOL
 - BENZYL ALCOHOL
 - BENZYL BENZOATE
 - BENZYL CINNAMATE
 - BENZYL SALICYLATE
 - CINNAMAL
 - CINNAMYL ALCOHOL
 - CITRAL
 - CITRONELLOL
 - COUMARIN
 - D-LIMONENE
 - EUGENOL
 - FARNESOL
 - GERANIOL
 - HEXYL CINNAMALDEHYDE
 - HYDROXYCITRONELLAL
 - HYDROXYMETHYL-PENTOCYCOL-HEXENECARBOXALDEHYDE
 - ISOEUGENOL
 - LILIAL
 - LINALOOL
 - METHYL HEPTINE CARBONATE
 - OAK MOSS EXTRACT
 - TREEMOSS EXTRACT

I CAN SNEAK
essential oils
**INTO CONVERSATIONS,
FOOD, DRINKS, GIFTS
WITHOUT IT BEING OBVIOUS.
BASICALLY
I'M A NINJA**

#ESSENTIALOILSTYLE

Thank you!

July 2019