

TCFF

PERFUMERY 101

BY: K. SONTHIDET KAEWSAWAT (Perfumer & Flavorist)

fragrance

noun /'freɪgrəns/

- a pleasant smell
- The liquid that you put on your skin in order to make yourself smell nice

Ref: <https://www.oxfordlearnersdictionaries.com/>

fragrance
noun /'freɪgrəns/



HOW TO HOLD A BLOTTER?

Hold
the **blotter** about
an inch from your
nose and smell to
evaluate
the **fragrance**

WARNING
SMELL
CAREFULLY



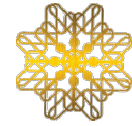
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NAME



TCFF

SOURCE OF FRAGRANCE

SOURCE OF FRAGRANCE FROM PLANT

flower



SOURCE OF FRAGRANCE FROM PLANT

LAVENDER



ROSEMARY



*flowers
and
leaves*



SOURCE OF FRAGRANCE FROM PLANT

CINNAMON



bark



CASSIA



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SOURCE OF FRAGRANCE FROM PLANT



GERANIUM



PETITGRAIN

*leaves
and
stems*



SOURCE OF FRAGRANCE FROM PLANT



CEDARWOOD

wood

SANDALWOOD



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SOURCE OF FRAGRANCE FROM PLANT



ANGELICA

roots

VETIVER



SOURCE OF FRAGRANCE FROM PLANT

rhizomes



GINGER



ORRIS



CALAMUS

SOURCE OF FRAGRANCE FROM PLANT

seeds



ANISE



FENNEL



NUTMEG

SOURCE OF FRAGRANCE FROM PLANT

fruits



SOURCE OF FRAGRANCE FROM PLANT

gums



LABDANUM



OLIBANUM



BENZOIN



BALSAM

SOURCE OF FRAGRANCE FROM ANIMAL



MUSK



AMBERGRIS



CASTOREUM



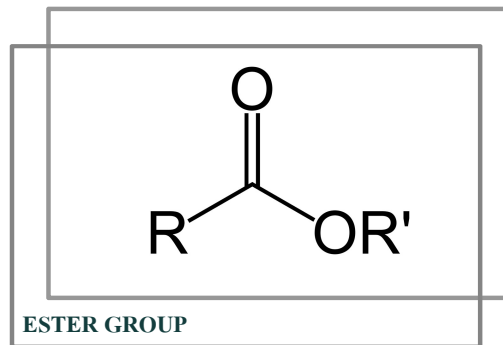
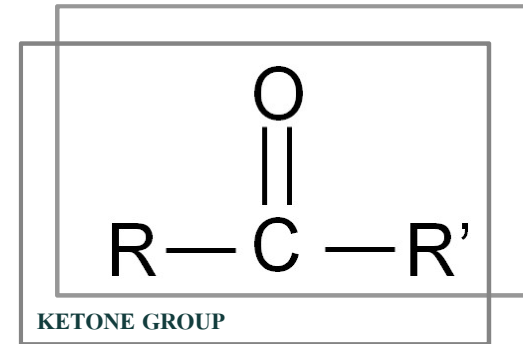
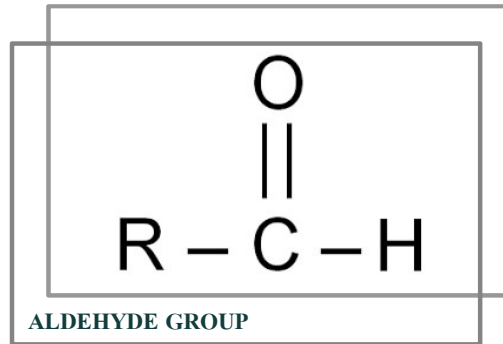
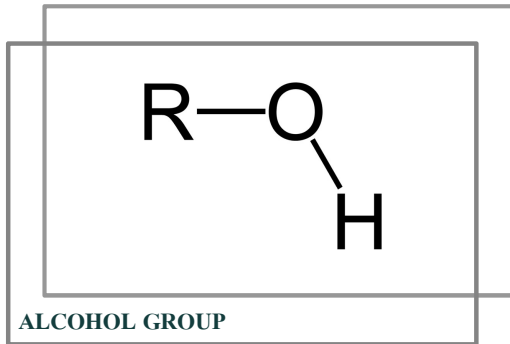
CIVET



SOURCE OF FRAGRANCE

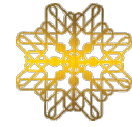
FROM CHEMICAL

17



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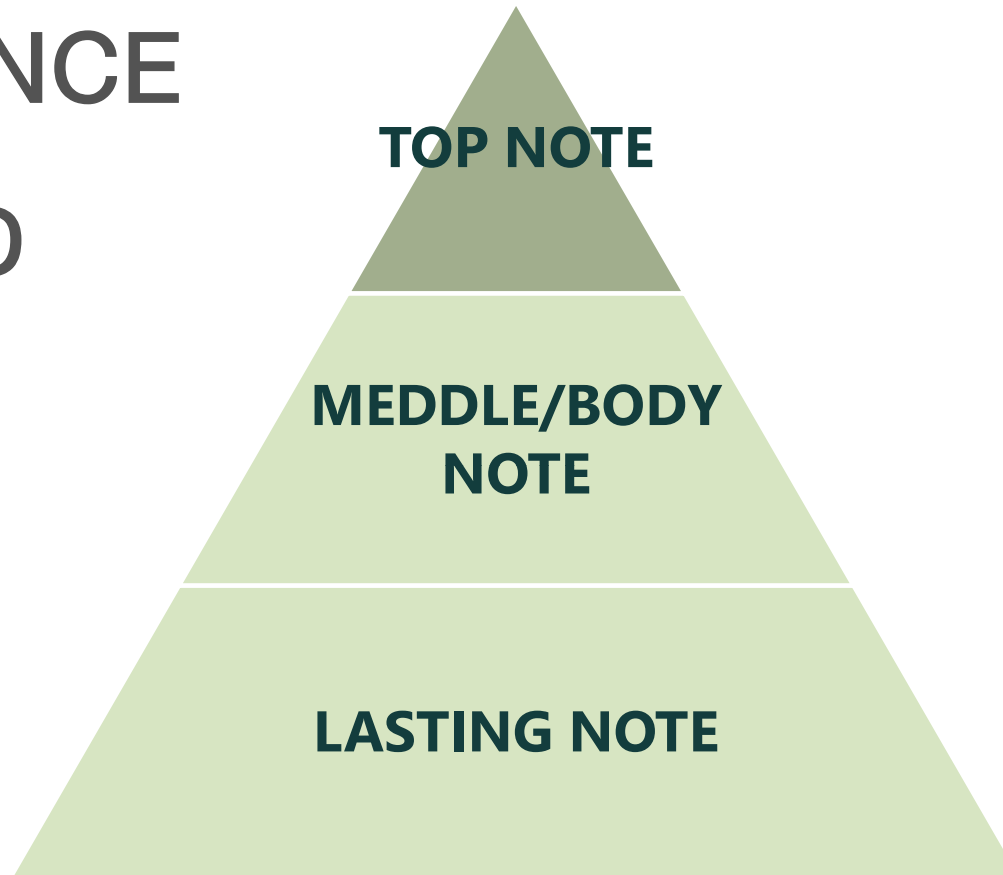
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FRAGRANCE PYRAMID

FRAGRANCE PYRAMID



19
EVAPORATION TIME

FRAGRANCE PYRAMID



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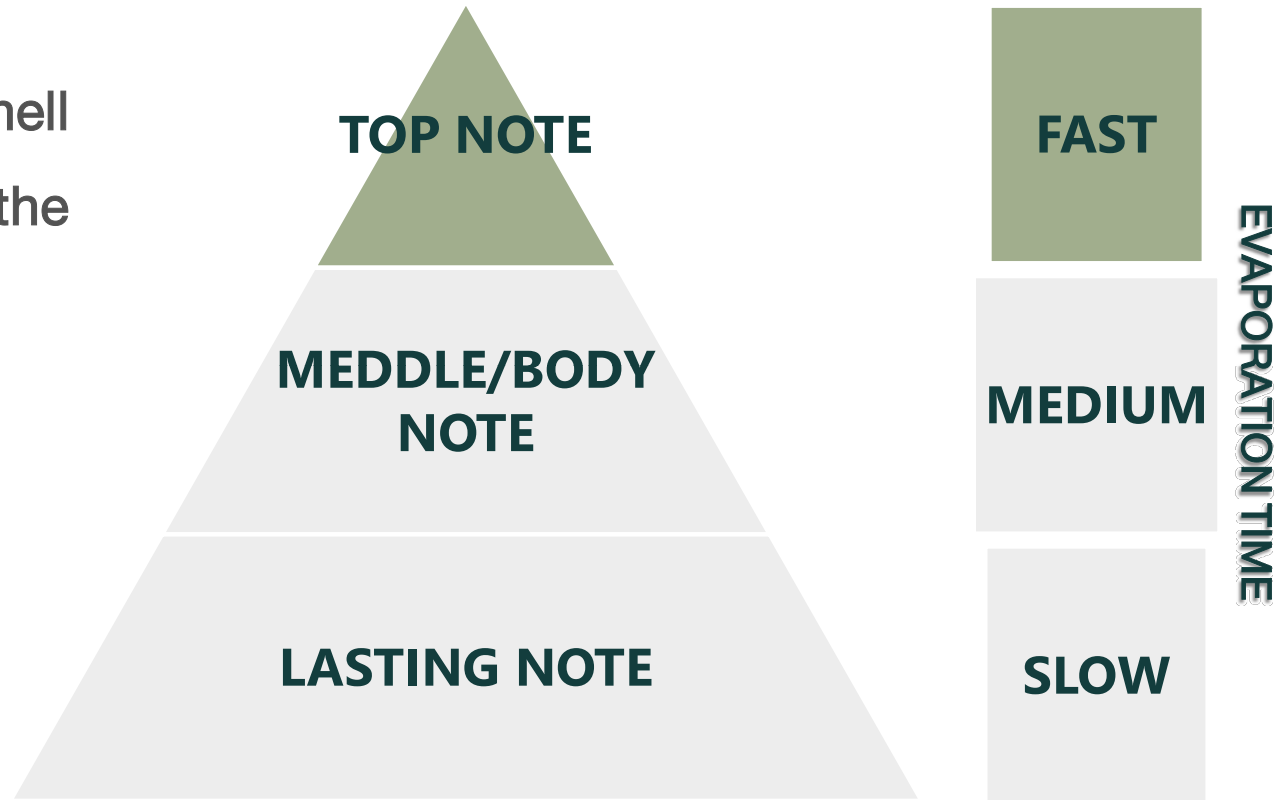
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FRAGRANCE PYRAMID

20

The first scents you smell
when first exposed to the
fragrance

(0 – 20 m.)



FRAGRANCE PYRAMID



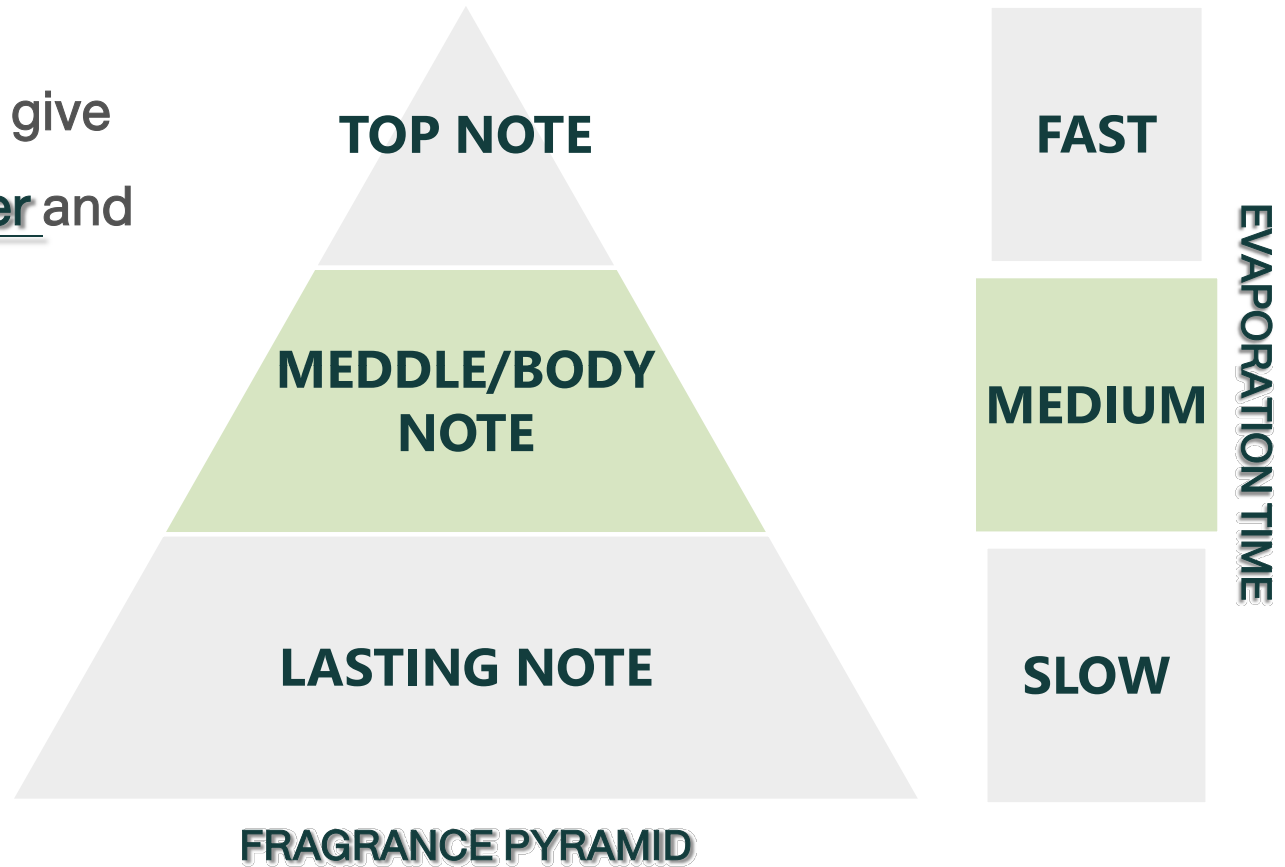
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FRAGRANCE PYRAMID

These are the notes that give the fragrance its character and intensity.

(20 m. – 5 hr.)

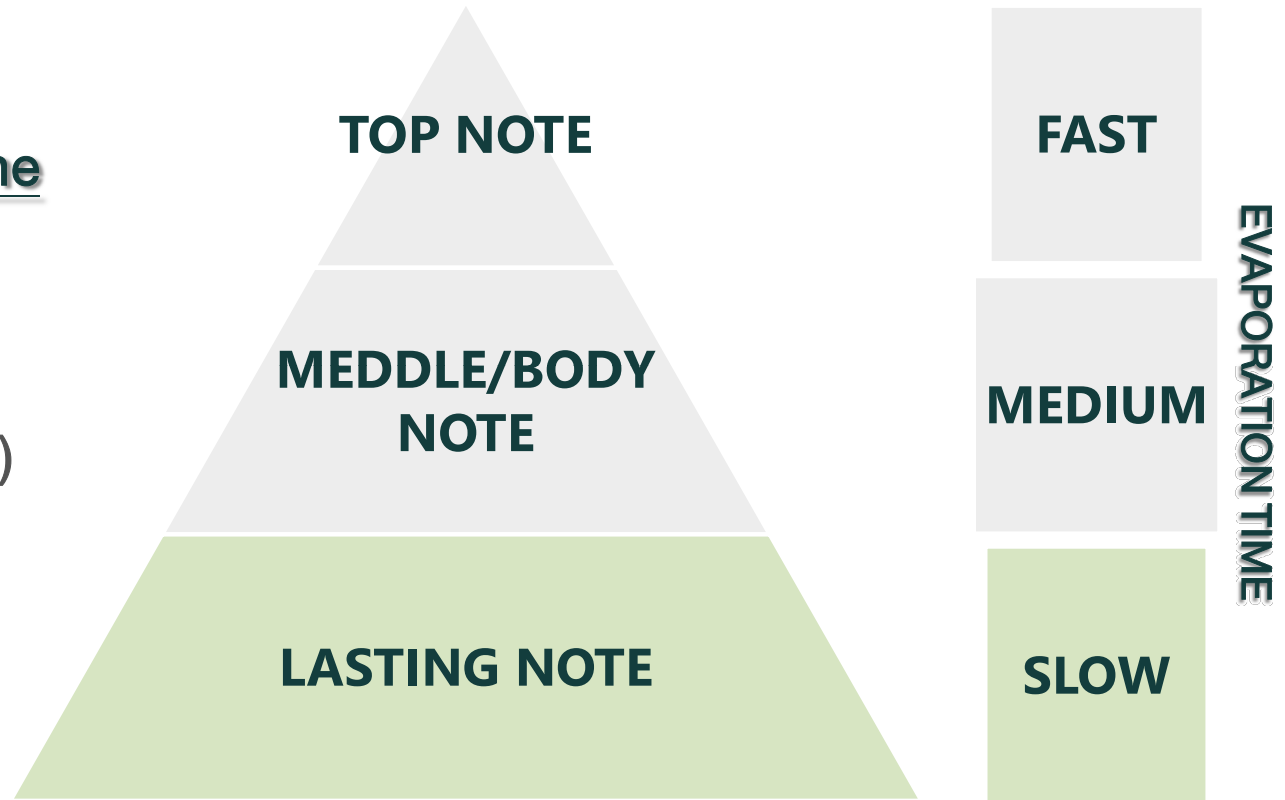


FRAGRANCE PYRAMID

22

The base note lasts the longest.

(up to 24 hr. or more)

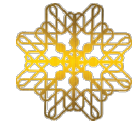


FRAGRANCE PYRAMID



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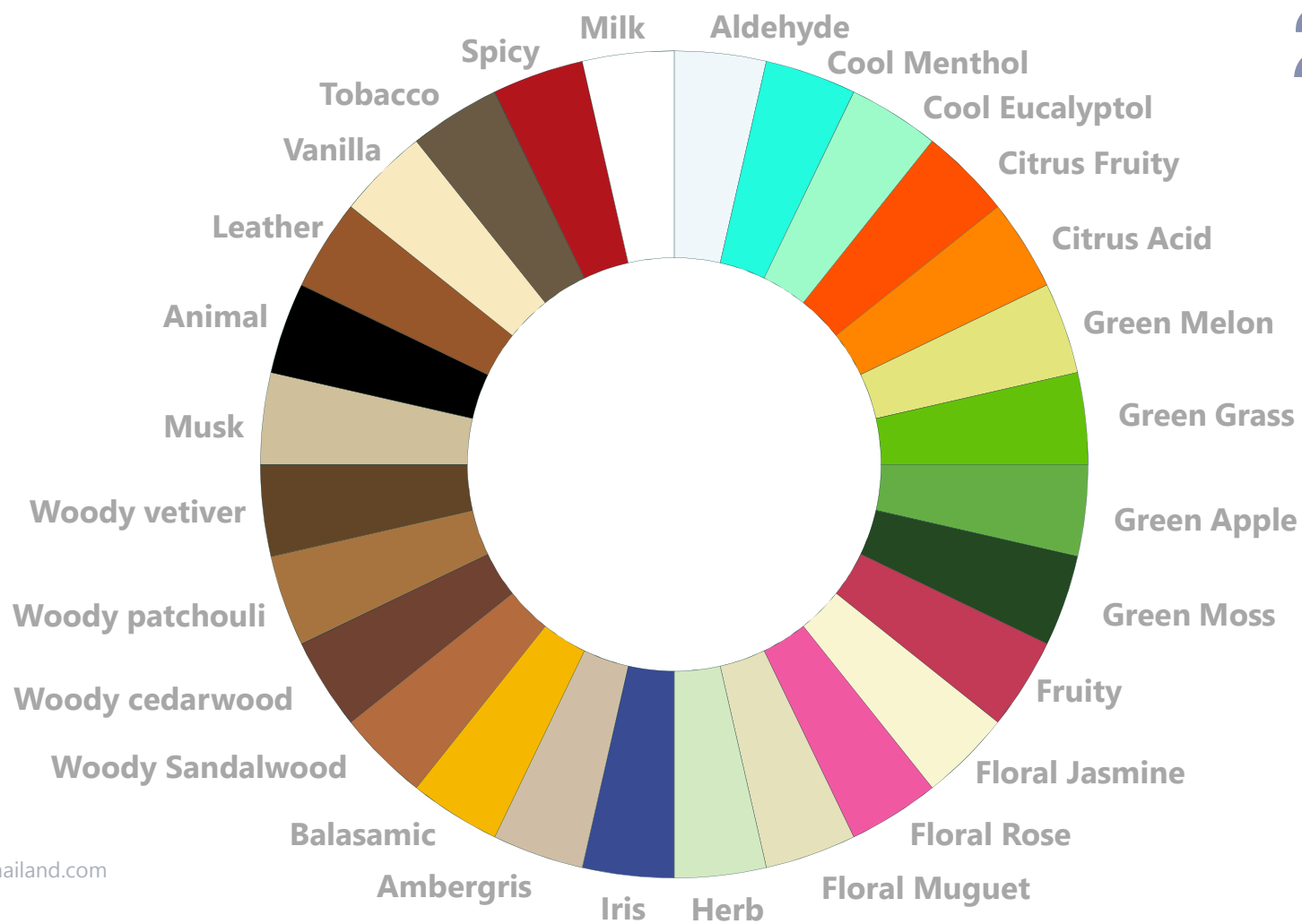


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FRAGRANCE NOTE

FRAGRANCE

NOTE



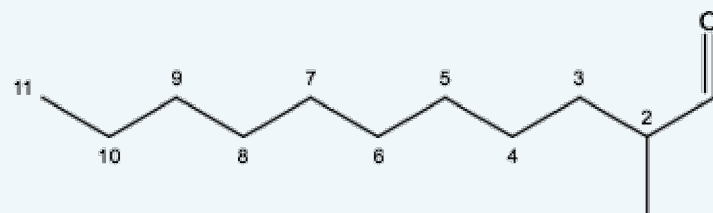
FRAGRANCE NOTE

ALDEHYDE

25



Aldehyde C 10 | Aldehyde C 11 |
Aldehyde C 11 Enic | Intraeleven Ald |
Aldehyde C 12 | Aldehyde MNA



Aldehyde C-12 MNA

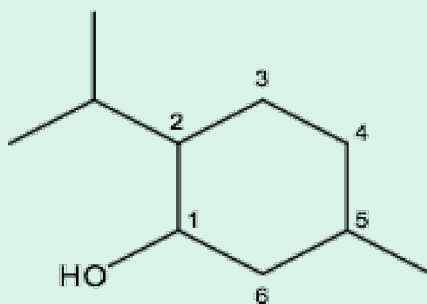
FRAGRANCE NOTE

26

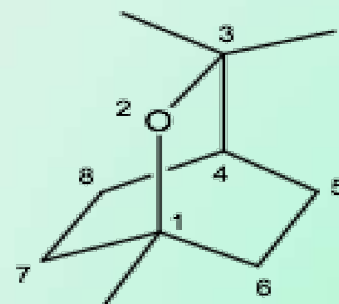
COOL



Eucalyptol | Eucalyptus Oil
Menthol | Mint oil | Peppermint Oil



menthol



eucalyptol



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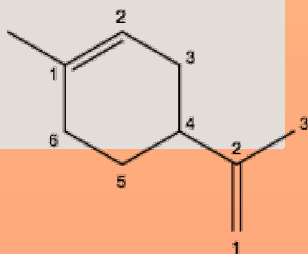
FRAGRANCE NOTE

CITRUS

27

Citrus (Fruity)

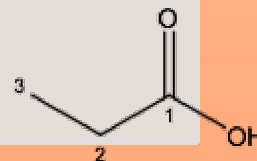
- D-Limonene
- Orange Oil
- Lemon Oil
- Lime Oil



d-limonene

Citrus (Acid)

- Acetic Acid
- Propionic Acid
- Butyric Acid
- Hexanoic Acid



propionic



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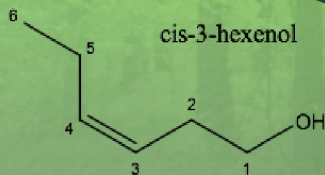


FRAGRANCE NOTE GREEN

28

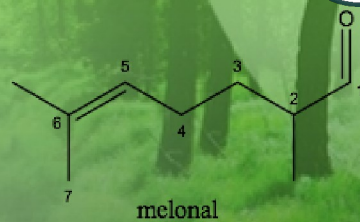
- Cis-3-Hexenol
- Cis-3-Hexenyl acetate

Green (Grass)



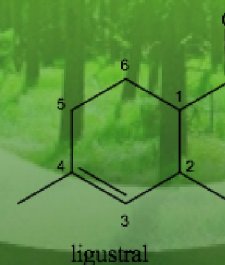
- Melonal
- Cis-6-Nonenol

Green (Melon)



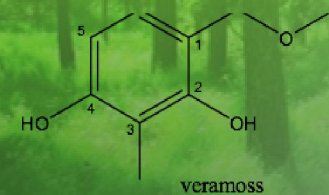
- Hexyl acetate
- Ligustral

Green (Apple)



- Evernyl
- Oakmoss

Green (Moss)



FRAGRANCE NOTE

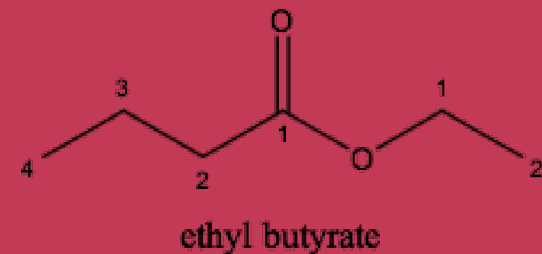
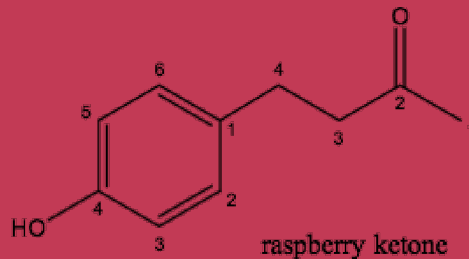
29

FRUITY



Ethyl Acetoacetate | Ethyl butyrate | Fructone
| Allyl Caproate | Diethyl Malonate | Ethyl-2-
Methyl butyrate | Iso Amyl Acetate |
Raspberry Ketone | Iso Amyl Butyrate

Ref: <https://lopmetic.com/cm934/fruity-weekends-489128/>



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FRAGRANCE NOTE

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FLORAL



FLORAL (JASMINE)

- Benzyl Acetate
- Hedione
- H.C.A
- Benzyl Propionate



FLORAL (ROSE)

- PEA
- Geraniol
- Citronellol
- Geranyl Acetate



FLORAL (MUGUET)

- Lilial
- Hydroxycitronellal
- Helional
- Canthoxal

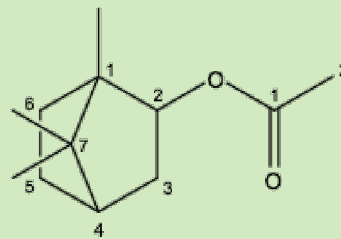
FRAGRANCE NOTE

31

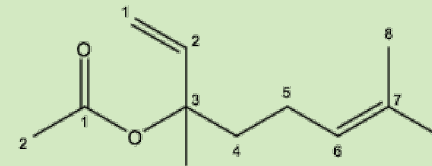
HERB



Linallyl Acetate | Terpinyl Acetate | Lavender oil | Camphor | Borneol
Iso bornyl Acetate | Rosemary Oil | Nopyl Acetate | Vanoris



isobornyl acetate



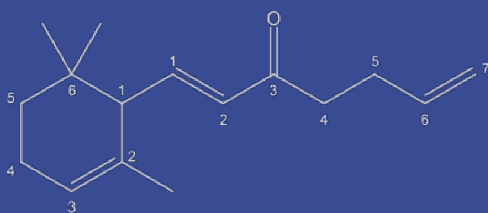
Linalyl acetate

FRAGRANCE NOTE

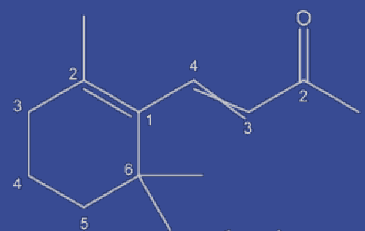
32

IRIS

α -Ionone | Iso Methyl Ionone |
Alpha – Irone | Cetone V |
 β -Ionone | RaldeineA GV



cetone v



beta-ionone



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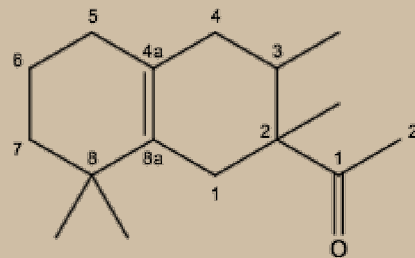
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FRAGRANCE NOTE

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AMBERGRIS

Iso E Super | Ambroxan |
Amber Core | Cedramber |
Grisalva | Timbertouch |
Karanal | Amber Xtreme |
Ambermax



iso e super



Ref: <https://www.nationalgeographic.com/animals/article/120830-ambergris-charlie-naysmith-whale-vomit-science>



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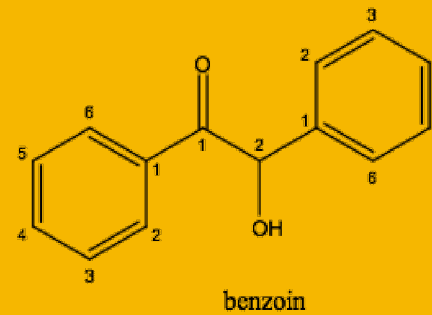
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FRAGRANCE NOTE 34

BALSAMIC



Labdanum | Benzoin | Styrax
Oil | Peru balsam | Tolu balsam



FRAGRANCE NOTE

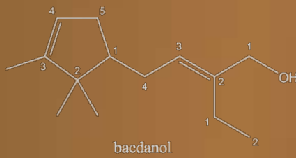
WOODY

35

WOODY (SANDALWOOD)



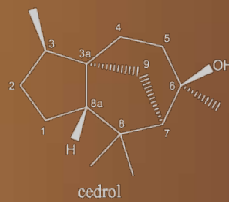
- Bacdanol
- Sandalwood Oil



WOODY (CEDARWOOD)



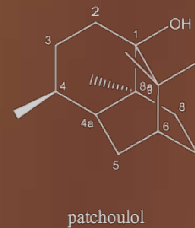
- Cedryl acetate
- Cedarwood Oil



WOODY (PATCHOULI)



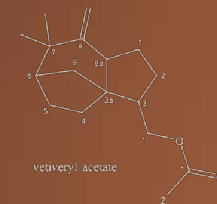
- Patchouli oil
- Clearwood



WOODY (VETIVER)



- Vetiver oil
- Vetiveryl Acetate



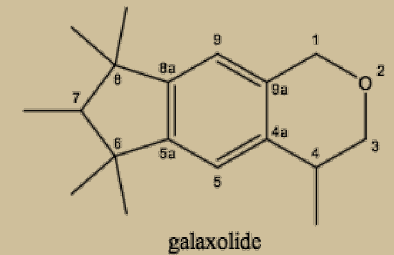
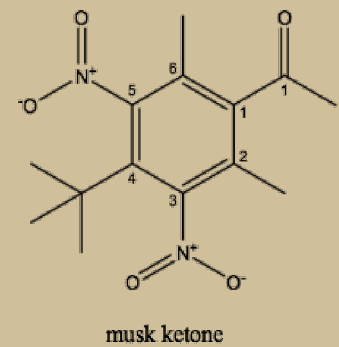
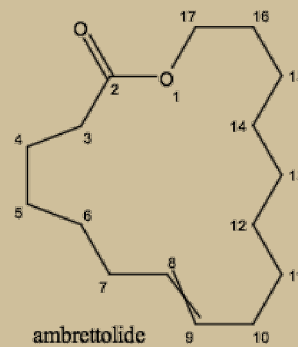
FRAGRANCE NOTE

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MUSK



Galaxolide | Musk ketone |
Pentadecanolide | Muscone |
Globalid | Ambrettolid | Zenolide |
Applelide | Fixolide



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FRAGRANCE NOTE

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ANIMAL

Civet Con | Castoreum | Civette Givco
| Animalissia Base



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FRAGRANCE NOTE

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LEATHER

Isobutyl Quinoline-2 | Orcinyl 3 |
Safraleine



FRAGRANCE NOTE

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VANILLA



Vanillin | Ethyl vanillin | Coumarin |
Vanillin Isobutyrate
Vanitrope | Vanilla Ext.

Ref:<https://www.lemmemore.com/content/5769/diywithvanillaextract>

FRAGRANCE NOTE

40

TOBACCO

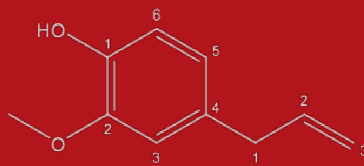


Furfural | Methyl Cyclopentenolone |
Guaiacol | Phenyl Ethyl Cinnamate

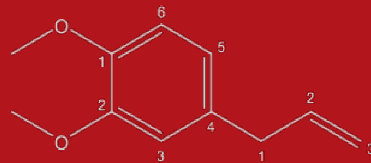
FRAGRANCE NOTE

SPICY

Eugenol | Clove oil | Methyl eugenol |
Black pepper oil | Nutmeg oil |
Pink pepper Oil | Iso Eugenol | Cinnamon
Bark Oil



eugenol



methyl eugenol



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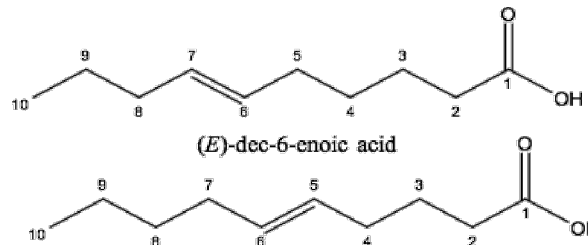
FRAGRANCE NOTE

42

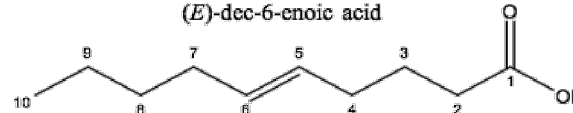
MILK



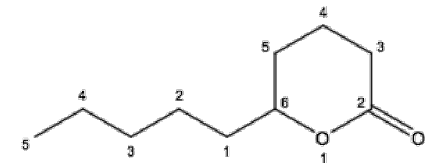
D-Decalactone | D-Dodecalactone |
Ald C18 | D-Undecalactone |
G-Dodecalactone | Milk Lactone



(E)-dec-6-enoic acid



milk lactone



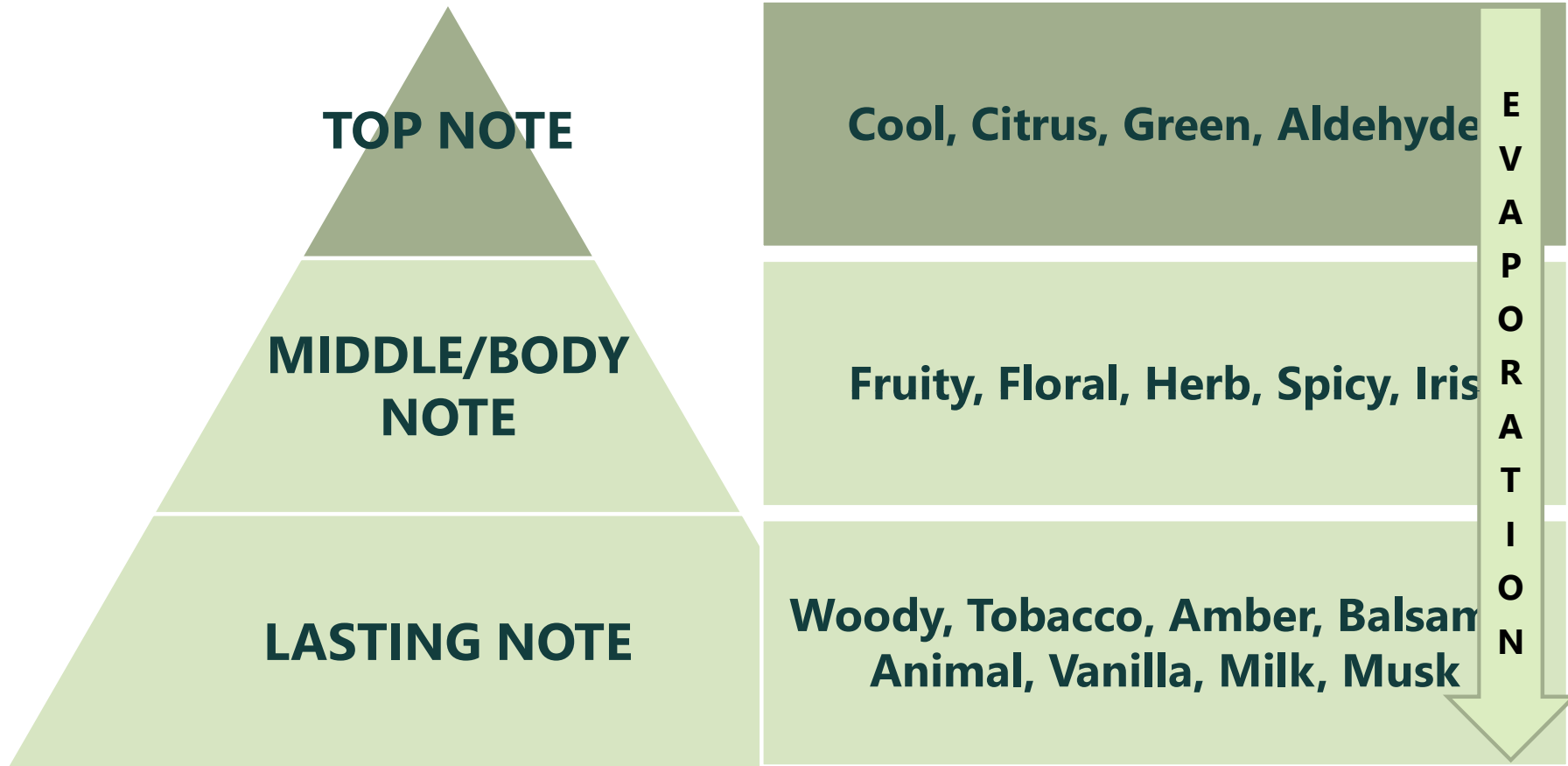
d-decalactone



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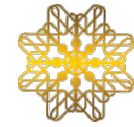
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FRAGRANCE PYRAMID



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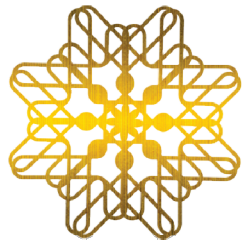


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HOW TO CREATE A FRAGRANCE?

HOW TO CREATE A FRAGRANCE?





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LUNCH BREAK



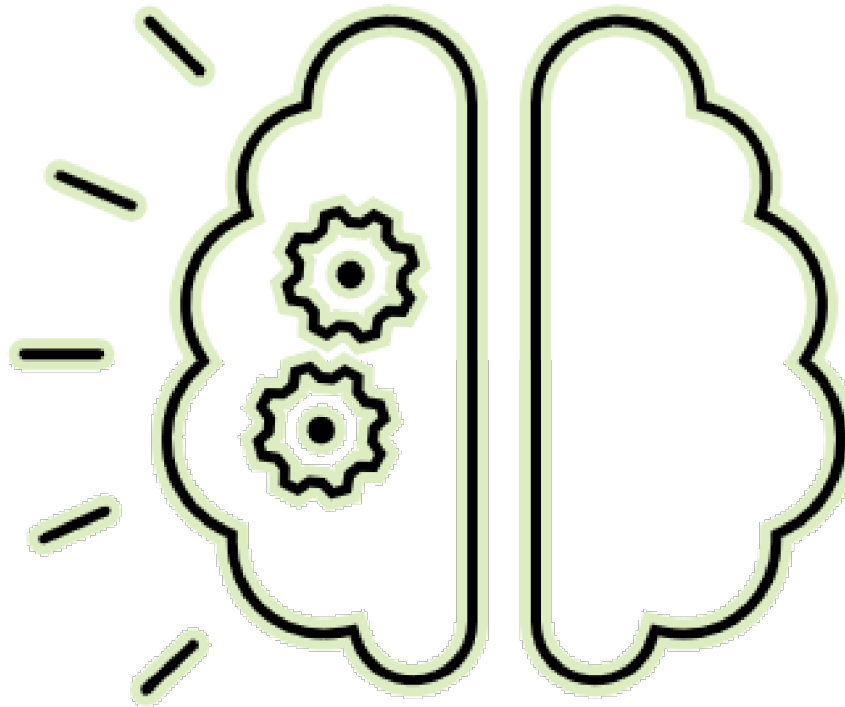
TCFF
WORKSHOP

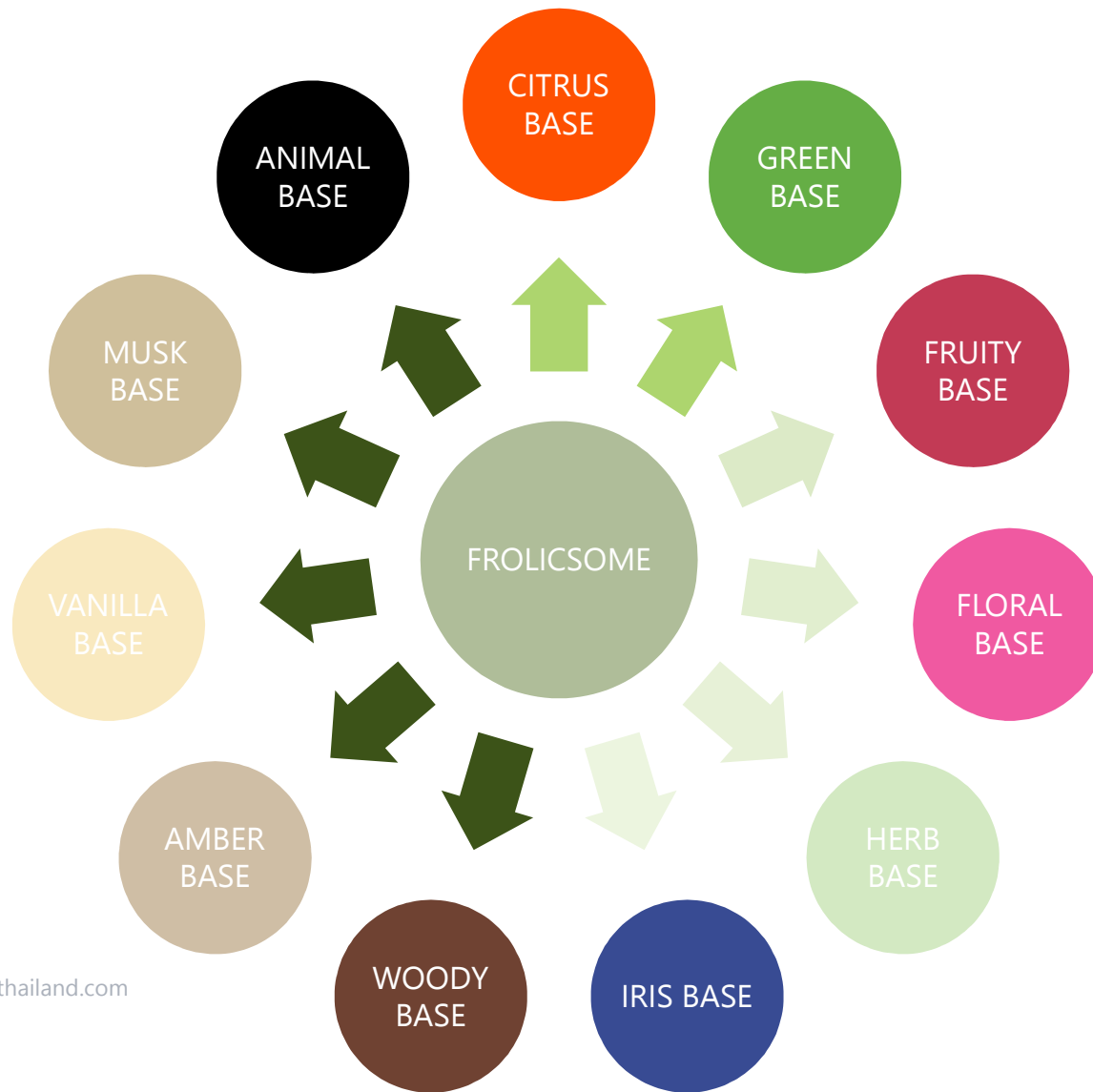
HOW TO BLEND FROLICCSOME?



HOW TO BLEND FROLICSOME?







HOW TO BLEND FROLICCSOME?



NO.	RAW-MATERIAL	STD.	1	2	3	4	5
TOP NOTE							
1	CITRUS BASE						
2	GREEN BASE						
MIDDLE NOTE							
3	FRUITY BASE						
4	FLORAL BASE						
5	HERB BASE						
6	IRIS BASE						
MIDDLE NOTE							
7	WOODY BASE						
8	AMBER BASE						
9	VANILLA BASE						
10	MUSK BASE						
11	ANIMAL BASE						

HOW TO BLEND FROLICCSOME?







DROP by DROP blending

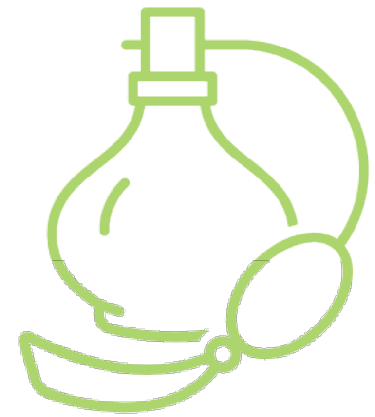
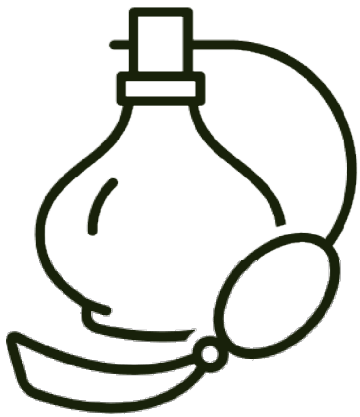
150 DROPS

(for perfume)



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Fragrance Concentration Guide



Perfume

- 20 – 30 %
- 6 – 8 hr.

Eau de parfum

- 15 – 20 %
- 4 – 5 hr.

Eau de toilette

- 5 – 15 %
- 2 – 3 hr.

Eau de cologne

- 2 – 4 %
- 2 hr.



Your Frolicsome base + Perfume base

10 ml.



Perfume base
3 - 4 full dropper



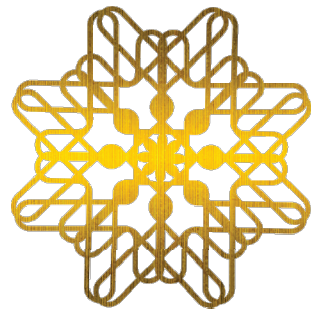
Your Frolicsome base
1 - 2 full dropper



SHAKE!!!

HOW TO BLEND FROLICCSOME?





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Any question?

