

A single name to present an **unrivalled** collection of fresh and transparent florals.

Alive with a thousand sensations, our "Beyond Muguet" explorative work embodies a brand-new creative approach to universal floral notes.

With its clean and crisp green character and highly unusual **cold effect**, the powerful HIVERNAL® NEO is the latest addition to our lineup of inspiring bestsellers, MAYOL®, FLOROL®, and LILYFLORE®.

This **groundbreaking** program also empowers our **most recent captive** ingredients, designed by the genius of **our scientists** and sublimated by **our perfumers'** talent.





"The freshest product that exists but also the longest-lasting although freshness and long-lasting normally do not coexist.

A very monolithic and linear character. Its modifying power is unequaled to bring a lot of brightness and a wet side to both feminine and masculine perfumes."

Harry Fremont, Perfumer

For a Milky Shampoo at 1%

		208982
	Aldehyde Hexylcinnamic	80
	Allyl Heptanoate	20
	Ambrettolide	5
	Benzyl Acetate	30
Fir	Cassis Base	5
	Cis-3-Hexenol 10%	20
	Cis-3-Hexenyl Salicylate	10
	Citronellol	35
	Citronellyl Acetate 10%	25
FIR	Damascenone Total 10%	25
	Decalactone Gamma	10
	Dihydromyrcenol	25
	Dipropylene Glycol	8
FIR	Florol®	100
Fir	Galbex®	10
	Geranyl Acetate	25
Fir	Habanolide®	100
Fir Fir	Hedione®	150
	Helional® (IFF)	30
	Hexyl Acetate	5
	Linalol	185
Fir	Muscenone®	5
	Phenoxyethyl Iso Butyrate	15
	Phenylethyl Alcohol	30
	Undecalactone Gamma	20
	Zestover 10%	25
Fir	Hivernal® Neo	2
	Total	1000

A low level of HIVERNAL® NEO imparts green effect, naturality and lift to this fruity-floral accord.

In version B, HIVERNAL® NEO is replaced by DIPG.

For an Eau de Toilette at 15%

	209276
Ambrox® Super	10
Cardamom Guatemala EO	2
Cedarwood Super Rect	100
Cedroxyde®	30
Clearwood®	190
Cyclosal	5
Dartanol®	70
Dihydromyrcenol	30
Elemi E0	5
Ethyl Linalol	70
Grapefruit Oil	10
Hedione®	150
Helvetolide®	30
Ionone Beta	10
Iso E Super® (IFF)	180
Lemon Oil Sfuma	30
Muscenone®	6
Norlimbanol®	50
Nutmeg Oil	3
Rhubofix®	2
Triethylcitrate	11
Vetiver Haiti E0	5
Hivernal® Neo	1

HIVERNAL® NEO brings freshness together with an incredible cold mineral effect to this spicy-aromatic accord.

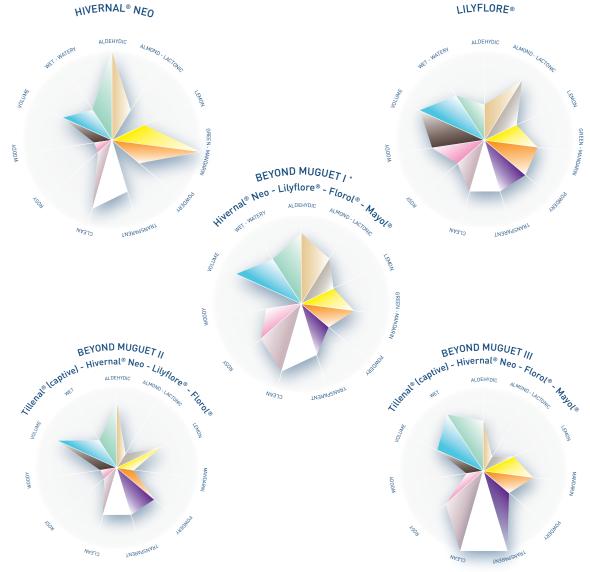
In version B, HIVERNAL® NEO is replaced by TEC.

For an Eau de Toilette at 15%

FIR	Ambrox® Super	
	Benzyl Acetate	
	Benzyl Salicylate	1
	Bergamot Oil	
FIR	Cassis Base	
	Cis-3-Hexenyl Acetate	
	Citronellol	
	Crystal Moss 10% TEC	
FIR	Damascenone	
FIR	Florol®	
	Geraniol	
	Geranyl Acetate	
	Grapefruit Acetal	1
FiR	Hedione® HC	22
	Hydroxycitronellal	
	Indol	
	Iso E Super® (IFF)	1
FIR	Jasmine Sambac Abs China 10% DIPG	
Fir	Jasmolactone	
	Linalol	
	Manzanate 10% TEC	
FIR	Mayol®	
	Methyl Anthranilate 10% DIPG	
Fir	Patchouli Heart SFE	
	Pear Ester	
	Phenyl Ethyl Alcohol	
FIR	Pink Pepper SFE	
	Triethylcitrate	
	Verdox™ (IFF)	
	Ylang Oil	
	Zestover 50% TEC	
FIR	Hivernal® Neo	
	Total	10

HIVERNAL® NEO boosts all the fresh facets of the accord: from pink pepper, to the floral heart. It also supports muguet notes, enhanches naturality and brings a sparkling effect to the fruity notes.

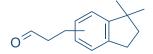
In version B, HIVERNAL® NEO is replaced by TEC.



* BEYOND MUGUET I: Hivernal® Neo: 0.5% - Lilyflore®: 10% - Florol®: 70% - Mayol®: 15%

HIVERNAL® NEO - 948605

FLORAL - MUGUET



REFERENCES

Firmenich Co	de 948605
CAS Number	0300371-33-9
Solvent	None added
Stabilizer	0.2% of Tocopherol Alpha (F307)

PHYSICO-CHEMICAL PROPERTIES

Molecular weight	202
Flash Point	>100°C
Vapor Pressure	_
Log p (measured)	3.44

RECOMMENDED APPLICATIONS	STABILITY	CONCENTRATION AVG - MAX	SU	IBSTANTIVIT	ΓY & RE	EMARKS
Fine Fragrance	Excellent	0,03% - 0,5%		Top, heart a	and bas	se note
Shampoo	Good	0,09% - 0,5%	Wet:	Excellent	Dry:	Excellent
Shower Gel	Good	0,04% - 0,2%	Bloom:	Good		
Soap	Excellent	0,09% - 0,4%	Foam:	Good	Dry h	and: Good
Detergent	Excellent	0,1% - 0,5%	Wet:	Good	Dry:	Good
Softener	Excellent	0,2% - 0,6%	Wet:	Excellent	Dry:	Good
APC	Good	0,06% - 0,2%				
Candle	Good	0,03% - 0,2%	Cold wax	k: Excellent	Burni	ng: Good

Tenacity: Lasts 3 weeks on a smelling strip.





The region of Sylhet in Bangladesh, on the border with Assam, is the historical birthplace of Oud.

For several generations, our partner Jalali Agarwood has been **sustainably** extracting the finest Aquilaria malaccensis using **time-honored traditional** methods, supporting **social actions** and providing a **positive impact on the local community**.

Jalali Agarwood and Firmenich share the same vision of **responsibility**. Because they inherited thousands of mature trees, for every one cut down, Jalali Agarwood plants twenty that will be left untouched for the future generations.

Aquilaria malaccensis variety has been **first and newly registered by Firmenich** for use in Perfumery.



For an Eau de Toilette at 15%

		В	С	D	
	Astrotone	230			
FiR	Cetalox®	120			
	Cinnamon Ceylan EO	2			
	Citronellol	20			
FR	Clearwood®	50			
FR FR	Cypriol Heart	50			
FR	Damascenone	5			
FR	Dartanol®	50			
	Ethylvanillin	3			
FiR	Exaltolide®	50			
	Geraniol	10			
FiR	Hedione®	40			
FiR	Iralia®	100			
FIR FIR FIR	Mint Piperita EO Cascade SX	2			
FiR	Olibanum Res 20% TEC	100			
	Phenyl Ethyl Alcohol	40			
	Raspberry Ketone	5			
Fir	Romandolide®	50			
FR	Rose Centifolia Pays Abs 10%	2			
	Rose Oxyde	2			
	Rosinol	20			
	Star Anise E0	2			
FR	Wardia® BM	30			
FR FR FR	Oud Maleki	-	1	-	
FiR	Oud Samrat	-	-	1	
Fir	Oud Anokha	-	-	-	
	Triethylcitrate	17	16	16	
	Total	1000	1000	1000	10

A musky oud rose in which:

OUD MALEKI magnifies powdery, musky and woody notes, reinforcing the rosy effect.

OUD SAMRAT imparts complexity to ambery, woody-animalic facets with elegant natural oud long-lastingness.

OUD ANOKHA brings richness to woody-animalic facets and an elegant natural oud long-lastingness.

In version C, TEC is replaced by OUD MALEKI. In version D, TEC is replaced by OUD SAMRAT. In version E, TEC is replaced by OUD ANOKHA.

For an Eau de Toilette at 15%

Ambrox® Super	30
Benzoin Siam Res 50% DIPG	100
Cedarwood Super Rect	100
Cedroxyde®	30
Cinnamon Ceylan EO	5
Clearwood®	187
Hedione®	50
Helvetolide®	50
Iso E Super® (IFF)	200
Labdanum Abs 50% DIPG	50
Polysantol®	50
Triethylcitrate	3
	20
Z11 MIP	100
Oud Assafi™ 10% TEC	20
Total	1000

OUD ASSAFI™ magnifies the fragrance with richness and complexity. It elevates and boosts the spicy-woody notes of this oriental accord.

In version B, OUD ASSAFI™ is replaced by TEC.

The most leathery and animalic Oud profile, OUD ASSAFI™ is elegantly woody and extremely ambery.

"An exceptional quality of Oud, one of the finest and most precious natural ingredient. Its intensity majestically illuminates its animalic, woody and spicy facets."

Alberto Morillas, Master Perfumer









Launched this year, this key olfactive isomer represented a true creative breakthrough.

Brimming with elegant musky notes, NORLIMBANOL® DEXTRO pairs the creamy warmth of **amber** with the traditional **iconic** dry woody character of NORLIMBANOL® family.

An inspiring addition to every perfumer's palette!



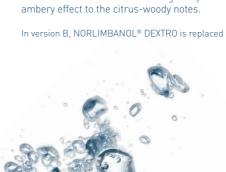


For a Shower gel at 1%

		209307
	Aldehyde Hexylcinnamic	40
Fir	Ambrox® Super 10%	10
Fir Fir	Benzoin Siam Res 50%	8
	Cedarwood Oil Atlas	20
Fir	Cedarwood Virginia E0	20
	Citronellol	40
Fir	Clearwood®	25
Fir	Coranol	40
	Crystal Moss	7
Fir	Elemi E0	10
Fir	Florol®	120
	Grapefruit Acetal	15
Fir	Hedione®	100
	Hydroxycitronellal	15
	Iso E Super® (IFF)	300
	Lemon Oil Sfuma	10
	Linalol	40
	Orange Oil Brazil	25
Fir	Rhubofix®	3
FIR FIR	Romandolide®	10
Fir	Sclareolate®	110
	Styrallyl Acetate	10
	Triethylcitrate	10
FIR	Vetyrisia®	2
FIR	Norlimbanol® Dextro	10
	Total	1000

NORLIMBANOL® DEXTRO brings dry and fresh ambery effect to the citrus-woody notes.

In version B, NORLIMBANOL® DEXTRO is replaced by TEC.



For an Eau de Toilette at 15%

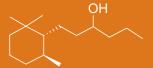
		209275
Fir	Ambrox® Super	30
FIR	Benzoin Siam Substitute	100
	Bergamot E0	15
	Black Pepper EO	5
Fir	Cardamom Guatemala EO	5
Fir	Cedarwood Alaska EO	3
FIR	Cedarwood Super Rect	70
	Cinnamon Ceylan EO	3
FIR	Clearwood®	190
FIR	Coranol	50
	Coumarin	80
Fir	Damascenone	3
F _{IR}	Fructalate®	5
FIR	Hedione®	200
	Hexyl Salicylate	30
FIR	Iralia®	10
FIR FIR	Labdanum Abs 50%	10
FIR	Muscone	5
	Nutmeg E0	3
FIR	Romandolide®	80
FIR	Tonka Bean Abs	3
	Triethylcitrate	40
	Vanillin	30
FIR	Z11 MIP	20
Fir	Norlimbanol® Dextro	10
	Total	1000

NORLIMBANOL® DEXTRO gives richness, power and volume to the top notes and spicy facets to the ambery drydown.

In version B, NORLIMBANOL® DEXTRO is replaced by TEC.

NORLIMBANOL® DEXTRO - 967406

WOODY - AMBERY



REFERENCES

Firmenich Code	967406
CAS Number	0070788-30-6
Solvent	None added
Stabilizer	None added

PHYSICO-CHEMICAL PROPERTIES

Molecular weight	226
Flash Point	>100°C
Vapor Pressure	0.01 Pa at 20°C
Log p (measured)	5.52

RECOMMENDED APPLICATIONS	STABILITY	CONCENTRATION AVG - MAX	SUBSTANTIVITY & REMARKS			
Fine Fragrance	Excellent	0,3% - 2%	Top, heart and base note			
Shampoo	Excellent	0,08% - 0,3%	Wet:	Excellent	Dry:	Good
Shower Gel	Excellent	0,3% - 1%	Bloom:	Good		
Soap	Excellent	0,2% - 0,6%	Foam:	Excellent	Dry hand:	Good
Detergent	Excellent	0,1% - 0,8%	Wet:	Excellent	Dry:	Good
Softener	Excellent	0,3% - 1%	Wet:	Excellent	Dry:	Good
APC	Good	0,09% - 0,3%				
Candle	Excellent	0,6% - 3%	Cold wax	k: Excellent	Burning: I	Excellent

Tenacity: Lasts 2 weeks on a smelling strip



Innovative Craftsmanship in Fragrances and Flavors since 1895



Rose cultivation is an age-old tradition in the South of France. In Grasse, **Firmenich is among the largest purchasers** of Rose Centifolia, or Rose de Mai, one of the most treasured varieties.

In the 2000s Rose Centifolia was slowly disappearing from the Grasse landscape.

Firmenich played a central role in the revival of Rose de Mai in Grasse over the past five years. We are committed to keeping the tradition of rose cultivation and extraction alive through long-term partnerships with local farmers.

This ensures sustainable quantities and the ultimate quality of Rose Absolute for our creators and customers.

ROSE CENTIFOLIA PAYS ABS 979686

Rare elixir, very sensual, deeply rich and floral, it evokes all the values of luxury.

ROSE CENTIFOLIA PAYS ABS imparts sensuality to the fragrance. It also brings a fresh, natural rosy note and improves the volume of the floral bouquet.

"The rose that enchanted my childhood sublimates my perfumes today..."

Fabrice Pellegrin, Perfumer

For an Eau de Toilette at 15%

	20930
Ambrox® Super	11
Carbinol Acetate DMB	5
Carbinol Muguet	2
Cedarwood Super Rect	8
Citronellol	4
Coranol	5
Damascenone	;
Florol®	10
Hedione® HC	6
Hexyl Salicylate	7
Hivernal® Neo	!
Hydroxycitronellal	2
Ionone Beta	31
Iso E Super® (IFF)	10
Muscenone®	11
Osmanthus ABS 10%	11
Phenyl Ethyl Alcohol	7
Pink Pepper SFE	!
Polysantol®	51
Romandolide®	15
Rose Oxyde	11
Triethylcitrate	4
Undecalactone Gamma	11
Rose Centifolia Pays ABS 10%	
Total	100

ROSE CENTIFOLIA PAYS ABS imparts sensuality to the fragrance. It also brings a fresh, natural rosy note and improves the volume of the floral bouquet.

In version B, ROSE CENTIFOLIA PAYS ABS is replaced by TEC.







HARVEST & PROCESS

Harvest takes place over 4–5 weeks in May.

During the blooming season, flowers are handpicked early in the morning and brought daily in burlap bags to the Firmenich extraction site in Tourrettes (South of France).

The roses are extracted a soon as possible, ideally between one and two hours after harvest.



Tirmenich



Z11 is a molecule alive with a thousand sensations.

Its dryness, tenacity and sleek elegance call to mind a precious wood rimmed in shining metal... unforgiving in its strength and designed for **pure performance**.

Z11's true character emotionally empowers the signature of a perfume.

"I remember smelling Z11 some years ago during trials for a formula which was to become one of my major successes.

I came across an extremely sensual, dry woody accord contrasting with a lemony apple top note, and my fragrance was born!

Today, I am pleased and proud to imagine that White Biotech secures a long and sustainable life to this unforgettable molecule."

Olivier Cresp, Master Perfumer

1960

Z11 was invented in the 60's
The 11th molecule born out from Firmenich's
works with Zurich university
It opens a new line of woody ambery notes

2014

First born from our White Biotech Platform, CLEARWOOD® is a breakthrough patchouli profile ingredient

2016

First launch of AMBROX® SUPER via White Biotech – a new breakthrough in modern chemistry

This accord shows the astonishing effect of combining AMBROX® SUPER with Z11 10 MIP 10%.

The blending of half of AMBROX® SUPER with Z11 10 MIP 10% achieves equivalent performance while providing a significant cost saving.

In this accord, Z11 10 MIP 10% imparts powerful, rich and round ambery effect like AMBROX® SUPER can bring.

In version B, 0.5 % of Z11 10 MIP 10% replaces half of AMBROX $^{\circ}$ SUPER.

2018

First launch of Z11 via White Biotech

This new process combines the best of White Biotechnology and Green Chemistry, resulting in a renewable ingredient while ensuring stable quality, reliable supply and unlimited future availability.

For an Eau de Toilette at 8%

209344

Fip	Ambrox® Super	107	5
	Safranal 10% Dipropylene Glycol	107	107
Fir	Pink Pepper Eo	5	
Fir	Norlimbanol®	30	
	Methylionone Alpha	33	
	Linalyl Acetate	30	
	Linalol	10	
FIR	Lilyflore® 10%	5	
Fir	Lemon Base	30	
	Iso E Super (IFF)	190	
Fir	Helvetolide®	10	
	Helional® (IFF)	23	
FIR	Hedione®	380	
Fir	Florol®	6	
	Floralozone 10%	25	
	Eugenol	5	
	Ethylene Brassilate	30	
	Dihydromyrcenol	6	
	Dihydroionone Beta	3	
Fig	Damascone Beta 10%	6	
ER ER ER	Damascone Alpha 10%	7	
	Clearwood®	5	
	Calone® 10%	25	
	Amyl Salicylate Anethol	2	
	Ambrettolide	6 7	
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Z11 MIP Via White Biotech - 992964

WOODY - AMBERY



REFERENCES

Firmenich Code	992964
CAS Number (of the pure Ingredient)	0057345-19-4
Solvent	90% MIP
Stabilizer	None added

PHYSICO-CHEMICAL PROPERTIES

Molecular weight	
Flash Point	>100°C
Vapor Pressure	-
Log p (measured)	4.59

RECOMMENDED APPLICATIONS	STABILITY	CONCENTRATION AVG - MAX	SUBSTANTIVITY & REMARKS			
Fine Fragrance	Excellent	0,6% - 2%	Heart and base note			
Shampoo	Good	0,2% - 0,4%	Wet:	Good	Dry:	Fair
Shower Gel	Good	0,4% - 1%	Bloom:	Good		
Soap	Good	0,3% - 0,8%	Foam:	Good	Dry ha	nd: Fair
Detergent	Excellent	0,02% - 0,06%	Wet:	Excellent	Dry:	Excellent
Softener	Excellent	0,07% - 0,3%	Wet:	Excellent	Dry:	Excellent
APC	Excellent	0,09% - 0,4%				
Candle	Excellent	0,6% - 2%	Cold wax	: Excellent	Burning	g: Excellent

Tenacity: Lasts 1 month on a smelling strip.