

Products catalogue



Pharmacy Cosmetics Industry



Natural origin products
and
Mineral origin products

Petroleum jellies | Gels
White oils | Paraffins | Waxes

Aiglon group
Route de Boran
60460 Pr cy-sur-Oise
Tel: 33 (0)3 44 27 66 93
contact@aiglon.eu
www.aiglon.eu



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SUMMARY



Natural origin products




| | | |
|-------------------|-----------------------------|--------------|
| Vaselines | Naturelyn | p. 3 |
| Gels | Naturelyn Gel Veggie Gel | p. 4 p. 4 |
| Oils | Naturelyn Oil | p. 5 |
| Thickeners | Naturelyn DP 60 | p. 5 |



Mineral origin products



| | | |
|---|---|----------------|
| Petroleum jellies | Codex white petroleum jellies European pharmacopoeia petroleum jelly | p. 6 p. 10 |
| Mineral oil free and paraffin free Biodegradable | Emosyn Smylin | p. 10 p. 10 |
| |  | |
| Washable petroleum jellies | | p. 11 |
| Gels | Transgel Other gels | p. 12 p. 13 |
| White oils | Codex medicinal white oils | p. 14 |
| Paraffins | Paraffins | p. 15 |
| Waxes | Microcrystalline waxes | p. 16 |



Technical products



| | | |
|----------------------------|--------------------------------|-------|
| White oils | Technical white oils | p. 17 |
| Petroleum jellies | Industrial petroleum jellies | p. 17 |
| Paraffins and waxes | Industrial paraffins and waxes | p. 17 |

To meet the growing demand from end consumers for more natural and environmentally friendly products, Aiglon has created Naturelyn, a 100% natural alternative to mineral petroleum jelly, with 100% biodegradable ingredients of natural origin, available in several textures; and Smilyn, biodegradable petroleum jelly.

NATURAL ORIGIN PRODUCTS

INCI : Helianthus Annuus Seed Oil (HAS), Ricinus Communis Seed Oil (RCSO), Hydrogenated Rapeseed oil (HRO), C15-19 Alkane (ALK), Dextrin Palmitate (DP)

Vaselines

Naturelyn - 100 % natural origin ingredients

| Product | Drop melting point, °C Aiglon MEQU015 | Cone penetration at 25°C, 1/10 mm MEQU017 | Viscosity at 100°C, mm2/s MEQU012 | Description | Main applications | Oils absorption capacity *Low **Medium ***High | Ductility *Short fibers **Medium ***Long | Texture, Homogeneity *Granulous **Medium ***Very smooth | Gloss (texture) *Mat **Medium ***High gloss | Gloss (on the skin) *Mat **Medium ***High gloss | Spreading *Difficult **Medium ***Excellent | Tackiness *Non tacky **Slightly tacky ***Tacky | Lubrication *Draggy **Glides ***Glides well | Absorption *Slow **Medium ***Fast | INCI |
|-----------------|--|---|---|------------------------------|---|---|---|---|---|---|---|---|--|--|--------------------|
| Naturelyn 120 B | 63 typical value | 155 typical value | 10 typical value | Sticky | <ul style="list-style-type: none"> • Dermo-cosmetic creams, suncare products and cosmetic formulations | ** | * | ** | ** | ** | ** | ** | ** | ** | HAS RCSO HRO |
| Naturelyn 130 B | 61 typical value | 136 typical value | 12 typical value | Ductile | <ul style="list-style-type: none"> • Base for veterinary dermo-cosmetics | ** | ** | ** | ** | ** | ** | * | ** | ** | HAS RCSO HRO |
| Naturelyn 500 B | 64 typical value | 85 typical value | 17 typical value | Non sticky, balm consistency | <ul style="list-style-type: none"> • Dermo-cosmetic creams, suncare products and cosmetic formulations • Base for veterinary dermo-cosmetics • Scented candle in a container | *** | ** | *** | * | ** | ** | ** | ** | * | RCSO HRO |
| Naturelyn 600 B | 66 typical value | 154 typical value | 16 typical value | Sticky, balm consistency | <ul style="list-style-type: none"> • Dermo-cosmetic creams, suncare products and cosmetic formulations | ** | ** | *** | ** | ** | ** | *** | ** | ** | RCSO HRO |
| Naturelyn L B | 61 typical value | 208 typical value | 8 typical value | | <ul style="list-style-type: none"> • Base for veterinary dermo-cosmetics | * | * | *** | ** | ** | *** | * | *** | ** | HAS RCSO HRO |
| Naturelyn A B | 57 typical value | 176 typical value | 17 typical value | | | *** | ** | *** | * | ** | ** | ** | ** | ** | RCSO HRO |

Gels

Naturelyn Gel

| Product | INCI Name | Couleur MEQU029 | Odour MEQU029 | Density @ 20°C MEQU009 | Aspect MEQU031 | Viscosity at 40 °C, mm ² /s (cSt) MEQU012 |
|--------------------|---|-----------------|----------------|------------------------|------------------|--|
| Naturelyn GEL KF40 | C6-14 Polyolefin & Helianthus annuus seed oil | Crystal | Characteristic | 0.8200 typical value | Clear and bright | 93.7 typical value |
| Naturelyn GEL PF10 | C6-14 Polyolefin & Helianthus annuus seed oil | Crystal | Characteristic | 0.8200 typical value | Clear and bright | 112.7 typical value |
| Naturelyn GEL PF30 | C6-14 Polyolefin & Helianthus annuus seed oil | Crystal | Characteristic | 0.8200 typical value | Clear and bright | 610.1 typical value |
| Naturelyn GEL PF40 | C6-14 Polyolefin & Helianthus annuus seed oil | Crystal | Characteristic | 0.8200 typical value | Clear and bright | 3760.2 typical value |

Veggie Gel are transparent, shiny, non-aqueous gels with an original texture perfectly suited for cosmetic use. Gels based on biodegradable vegetable oil and of cosmetic quality.

Veggie Gel Biosourced and biodegradable gels

INCI : C15-19 Alkane, hydrogenated styrene/Isoprene C

| Product | Viscosity @25°C cP Brookfield LVT module 4-RPM 1,5 | Color Aiglon MEQU029 | Description | PURITY |
|-----------------------|--|----------------------|--|---|
| Veggie Gel 275 003032 | 250 000-400 000 300 000 typical value | Crystal clear | <ul style="list-style-type: none"> • High shine, crystal, silky • Smooth texture on the skin • Stabilizer for water/oil emulsions • Homogeneous dispersion of particles • Compatible with natural, polar and ester oils | The purity of the vegetable oil (C15-19 Alkane), the main product of Veggie Gel, is in accordance with the European Pharmacopoeia |
| Veggie Gel 407 003033 | 880 000-1 040 000 960 000 typical value | Crystal clear | | |

Oils

Naturelyn Oil - The sustainable alternative to Paraffinum liquidum

| Product | INCI Name | Aspect MEQU031 | Odour/MEQU030 | Density at 20°C/MEQU009 | Viscosity at 40°C, mm ² /s (cSt)/MEQU012 | Iodine value/NE EN ISO 3161 | Peroxide value/NE EN ISO 3960 | Acid value/NE EN ISO 660 |
|---|---|-------------------------|-----------------------|---------------------------------|---|-----------------------------|-------------------------------|--------------------------|
| Naturelyn Oil 15 | C15-19 Alkane & Hydrogenated Rapeseed Oil | Clear and bright | Characteristic | 0.8365 typical value | 16.9 typical value | 40 typical value | 6 typical value | 0.6 typical value |
| Naturelyn Oil 17 | C15-19 Alkane & Hydrogenated Sunflower Seed Oil | Clear and bright | Characteristic | 0.8100 typical value | 17.2 typical value | 20 typical value | 3 typical value | 0.6 typical value |
| <i>Aiglon mineral Oil (to compare with)</i> | <i>Paraffinum liquidum</i> | <i>Clear and bright</i> | <i>Characteristic</i> | <i>0.8400 typical value</i> | <i>14.0 typical value</i> | | | |

Thickeners

Naturelyn DP 60

| Product | Inci Name | Colour MEQU029 | Odour MEQU029 | Viscosity at 120°C, mm ² /s (cSt) MEQU012 | Gel strength (10% product 90% Caprylic/Capric Triglyceride) MEQU062 | Acide index MEQU066 | Drop melting point MEQU015 |
|-----------------|-----------------------------------|--------------------|----------------|--|---|---------------------|----------------------------|
| Naturelyn DP 60 | C15-19 Alkane & Dextrin Palmitate | White to yellowish | Characteristic | 12-14 | >18 | <2 mg NaOH /g | 60-80 °C |

Codex petroleum jellies are the purest in the world. They can be used as excipients and as active pharmaceutical ingredients. Their protective, healing, moisturising and soothing properties are highly valued by the pharmaceutical and cosmetic industries. Neutral and stable, they maintain their moisturising capacity for a long time. Obtained from blending highly hydrogenated products, Aiglon Codex petroleum jellies are not «petrolatum». Their high degree of refinement means they achieve a purity which exceeds that of products of vegetal origin.

MINERAL ORIGIN PRODUCTS

CODEX WHITE PETROLEUM JELLIES - COMPLIANT WITH FRENCH AND EUROPEAN PHARMACOPOEIAS

INCI : Paraffin, Cera microcristallina, Paraffinum liquidum

| Product | Drop melting point, °C Aiglon MEQU015 | Cone penetration at 25°C, 1/10 mm MEQU017 | Viscosity at 100°C, mm2/s MEQU012 | Description | Main applications | Oils absorption capacity *Low **Medium ***High | Ductility *Short fibers **Medium ***Long | Texture, Homogeneity *Granulous **Medium ***Very smooth | Gloss (texture) *Mat **Medium ***High gloss | Gloss (on the skin) *Mat **Medium ***High gloss | Spreading *Difficult **Medium ***Excellent | Tackiness *Non tacky **Slightly tacky ***Tacky | Lubrication *Draggy **Glides ***Glides well | Absorption *Slow **Medium ***Fast |
|---------------------|--|---|--------------------------------------|--|---|---|---|--|--|--|---|---|--|--|
| P 23 001021 | 55-68 | 180-240 | 3-7 | <ul style="list-style-type: none"> Soft, slightly fibrous Spreads easily, non-tacky, soft velvety finish Good lubricant | <ul style="list-style-type: none"> Pure in tubes or jars Face and body cosmetics, pharmaceutical creams and ointments | ** | ** | *** | ** | *** | *** | ** | *** | ** |
| P 23 TF 001023 | 50-63 | 180-260 | 4-8 | <ul style="list-style-type: none"> Soft, slightly fibrous Spreads easily, non-tacky, soft velvety finish Good lubricant | <ul style="list-style-type: none"> 100% pure, suitable for packaging in small tubes Cosmetic face and body creams, pharmaceutical and ophthalmic creams and ointments | ** | *** | *** | ** | ** | *** | * | *** | ** |
| Diamant N 001006 | 61-64 | 150-190 | 7-11 | <ul style="list-style-type: none"> Remarkable creaminess, very fibrous Good oil retention, prevents exudation Excellent adherence to skin and hair High viscosity | <ul style="list-style-type: none"> Lip balms and lipsticks Styling wax and brilliantine Denture adhesive Thickening / stabilising agent in sticks and W/O emulsions Solid perfumes | *** | *** | ** | *** | ** | ** | ** | * | * |
| Aiglojell 001012 | 37-42 | 170-241 | 3-7 | <ul style="list-style-type: none"> Creamy, very shiny and non-fibrous Melts at body temperature Spreads easily and glides on the skin Soft finish, non-greasy, non-tacky | <ul style="list-style-type: none"> Balms, massage oils and creams Make-up removers Cosmetic creams and lotions | NA | * | ** | *** | *** | *** | * | *** | ** |

| Product | Drop melting point, °C Aiglon MEQU015 | Cone penetration at 25°C, 1/10 mm MEQU017 | Viscosity at 100°C, mm2/s MEQU012 | Description | Main applications | Oils absorption capacity *Low **Medium ***High | Ductility *Short fibers **Medium ***Long | Texture, Homogeneity *Granulous **Medium ***Very smooth | Gloss (texture) *Mat **Medium ***High gloss | Gloss (on the skin) *Mat **Medium ***High gloss | Spreading *Difficult **Medium ***Excellent | Tackiness *Non tacky **Slightly tacky ***Tacky | Lubrication *Draggy **Glides ***Glides well | Absorption *Slow **Medium ***Fast |
|------------------|--|--|--------------------------------------|---|---|---|---|--|--|--|---|---|--|--|
| BC 44 001035 | 70 typical value | 140-190 | 7,5-11,5 | <ul style="list-style-type: none"> Fibrous microcrystalline texture Excellent adherence to skin and hair. Adds shine Good oil retention Suitable for hot climates | <ul style="list-style-type: none"> Styling wax, brilliantine Lipsticks Solid perfumes Anhydrous ointments and W/O emulsions | *** | *** | ** | *** | *** | * | *** | ** | * |
| BMD 001051 | 49-55 | 40-80 | 3-5 | <ul style="list-style-type: none"> Very firm, opaque Smooth, white and very shiny Good absorption and diffusion of perfumes Adheres well to glass sides | <ul style="list-style-type: none"> Perfumed candles in holders Solid perfumes in sticks or jars | *** | * | ** | * | * | ** | ** | * | * |
| BLC 001054 | 50-59 | 40-60 | 3-5 | <ul style="list-style-type: none"> Very firm, opaque Smooth, white and very shiny Good absorption and diffusion of perfumes | <ul style="list-style-type: none"> Candles with or without holders Massage candles Sculptured candles Replacement for animal tallow | *** | * | * | * | * | ** | ** | * | * |
| BRSP 001057 | 50-58 | 130-160 | 4-6 | <ul style="list-style-type: none"> Opaque, smooth and very firm Good absorption and diffusion of perfume Good adherence to containers | <ul style="list-style-type: none"> Perfumed candles in holders Solid perfume in sticks or jars Massage candles | ** | *** | *** | *** | ** | *** | ** | *** | ** |
| A 72 C 001063 | 62-69 | 140-170 | 3-5 | <ul style="list-style-type: none"> Matt finish Good oil retention Good adhesion High melting point | <ul style="list-style-type: none"> Excipient / API in pharmaceutical creams and ointments Baby care Anhydrous ointments and W/O emulsions | ** | ** | ** | ** | * | ** | *** | ** | ** |
| PS 001018 | 55-70 | 160-190 | 4-8 | <ul style="list-style-type: none"> Good oil retention Matt finish, non-sticky High melting point | <ul style="list-style-type: none"> Excipient / API in pharmaceutical creams and ointments Matt effect hair styling products Hair care (masks, nourishing butters...) | ** | *** | ** | ** | * | * | * | * | * |
| T 5 001008 | 60-70 | 200-280 | 4-8 | <ul style="list-style-type: none"> Matt aspect, soft and short fibred Spreads easily, non-tacky, soft velvety finish Good lubricant | <ul style="list-style-type: none"> 100% pure Pharmaceutical and cosmetic creams and ointments | ** | ** | *** | * | ** | *** | * | *** | ** |

| Product | Drop melting point, °C Aiglon MEQU015 | Cone penetration at 25°C, 1/10 mm MEQU017 | Viscosity at 100°C, mm2/s MEQU012 | Description | Main applications | Oils absorption capacity *Low **Medium ***High | Ductility *Short fibers **Medium ***Long | Texture, Homogeneity *Granulous **Medium ***Very smooth | Gloss (texture) *Mat **Medium ***High gloss | Gloss (on the skin) *Mat **Medium ***High gloss | Spreading *Difficult **Medium ***Excellent | Tackiness *Non tacky **Slightly tacky ***Tacky | Lubrication *Draggy **Glides ***Glides well | Absorption *Slow **Medium ***Fast |
|-------------------------|--|--|--------------------------------------|---|---|---|---|--|--|--|---|---|--|--|
| P 23 M 001043 | 52 typical value | 120-160 | 4-8 | <ul style="list-style-type: none"> Beautiful creamy texture Spreads easily, non-greasy Matt finish, non-tacky, soft and velvety | <ul style="list-style-type: none"> 100% pure in jars and small tin boxes Day creams Hand and body moisturising creams | ** | ** | * | * | * | ** | * | *** | * |
| Biologique 001005 | 66 typical value | 145-175 | 7-11 | <ul style="list-style-type: none"> Beautiful microcrystalline texture, very fibrous Good gliding power Helps prevent exudation | <ul style="list-style-type: none"> Formulas with a high oil concentration Decongesting ointments, heated balms, solid perfumes, aromatherapy, nourishing creams, occlusive dressings | *** | *** | ** | ** | ** | ** | ** | * | * |
| Diamant molle 001019 | 65 typical value | 140-180 | 7-11 | <ul style="list-style-type: none"> Firm and fibrous Shiny velvety finish, non-tacky High viscosity | <ul style="list-style-type: none"> Ideal for rich textured creams and ointments: protection creams, pharmaceutic ointments, body butters, lip balms, baby care | *** | *** | ** | *** | ** | ** | *** | * | * |
| Diamant N°7 001007 | 61-64 | 150-190 | 7-11 | <ul style="list-style-type: none"> Remarkable creaminess, very fibrous Good oil retention, prevents exudation Excellent adherence to skin and hair High viscosity | <ul style="list-style-type: none"> Lip balms and lipsticks Styling wax and brilliantine Denture adhesive Thickening / stabilising agent in sticks and W/O emulsions Solid perfumes | *** | *** | ** | *** | ** | ** | ** | * | * |
| ML 13 001009 | 62-70 | 140-190 | 7-11 | <ul style="list-style-type: none"> Beautiful microcrystalline texture, very fibrous Glides well Helps prevent exudation | <ul style="list-style-type: none"> Formulas with high oil concentration Decongesting ointments, heated balms, solid perfumes, aromatherapy, nourishing creams, occlusive ointments | *** | *** | ** | ** | ** | ** | ** | * | * |
| G 42 001026 | 67 typical value | 140-170 | 7-11 | <ul style="list-style-type: none"> Microcrystalline texture, firm and creamy Easy application, glides well | <ul style="list-style-type: none"> Skin protection Ointments for adjunctive treatment of superficial burns Nourishing creams Formulas for hot climates (sun care) | *** | *** | ** | ** | *** | ** | *** | * | ** |

| Product | Drop melting point, °C Aiglon MEQU015 | Cone penetration at 25°C, 1/10 mm MEQU017 | Viscosity at 100°C, mm2/s MEQU012 | Description | Main applications | Oils absorption capacity *Low **Medium ***High | Ductility *Short fibers **Medium ***Long | Texture, Homogeneity *Granulous **Medium ***Very smooth | Gloss (texture) *Mat **Medium ***High gloss | Gloss (on the skin) *Mat **Medium ***High gloss | Spreading *Difficult **Medium ***Excellent | Tackiness *Non tacky **Slightly tacky ***Tacky | Lubrication *Draggy **Glides ***Glides well | Absorption *Slow **Medium ***Fast |
|----------------------|--|--|--------------------------------------|---|---|---|---|--|--|--|---|---|--|--|
| Diamant 36 001016 | 70 typical value | 120-160 | 7,5-11,5 | <ul style="list-style-type: none"> Microcrystalline texture, very fibrous Good adherence Good oil absorption | <ul style="list-style-type: none"> Formulas for hot climates (sun care) Nourishing cream, night cream, anti-age and baby care Skin protection / Denture adhesive Formulas with high oil concentration / anhydrous ointments and W/O emulsions | *** | *** | * | *** | ** | ** | *** | * | * |
| PPS 001044 | 67 typical value | 180-260 | 7,5-11,5 | <ul style="list-style-type: none"> Short fibers Spreads easily, high viscosity Suitable for hot climates due to high melting point | <ul style="list-style-type: none"> 100% pure for medical, veterinary and cosmetic use Excipient / API in pharmaceutical creams and ointments | ** | *** | ** | *** | *** | ** | ** | ** | * |
| VSF 001052 | NA | NA | 3-6 | <ul style="list-style-type: none"> Translucent, semi-fluid texture Excellent spread on the skin Soft, non-greasy finish | <ul style="list-style-type: none"> Veterinary use: Excipient for vaccines and injectable treatments Cosmetics: massage products, make-up removers, cosmetic wipes Suitable for cold manufacturing of cosmetics | NA | NA | NA | *** | *** | *** | * | *** | ** |
| GTS 001045 | 54-67 | 180-260 | 3,8-7,8 | <ul style="list-style-type: none"> Very soft and slightly fibrous Spreads easily, non-tacky Glides beautifully | <ul style="list-style-type: none"> Milking grease Horse care Massage products Athletics treatments | ** | ** | ** | ** | ** | ** | * | *** | *** |
| Standard 008008 | 55-68 | 180-240 | 3-7 | <ul style="list-style-type: none"> Soft and slightly fibrous Spreads easily, non-tacky, shiny velvety finish Good lubricant | <ul style="list-style-type: none"> Face and body cosmetics, pharmaceutical creams and ointments | ** | ** | *** | ** | *** | *** | ** | *** | ** |

EUROPEAN PHARMAOPOEIA PETROLEUM JELLY

INCI : Petrolatum

| Product | Drop melting point, °C | Cone penetration at 25°C, 1/10 mm MEQU017 | Viscosity at 100°C, mm2/s MEQU012 | Description | Main applications | Oils absorption capacity *Low **Medium ***High | Ductility *Short fibers **Medium ***Long | Texture, Homogeneity *Granulous **Medium ***Very smooth | Gloss (texture) *Mat **Medium ***High gloss | Gloss (on the skin) *Mat **Medium ***High gloss | Spreading *Difficult **Medium ***Excellent | Tackiness *Non tacky **Slightly tacky ***Tacky | Lubrication *Draggy **Glides ***Glides well | Absorption *Slow **Medium ***Fast |
|------------------------|------------------------|---|-----------------------------------|---|--|---|---|--|--|--|---|---|--|--|
| AigloPharm A 42 002030 | 50-60 | 130-160 | 5-11 | <ul style="list-style-type: none"> Long fibers Smooth, glossy and neutral | <ul style="list-style-type: none"> Applications in cosmetics and pharmacy | * | ** | ** | *** | 2nd May 2023 | *** | ** | *** | * |

EMOSYN - mineral oil free and paraffin free - COMPLIANT WITH FRENCH AND EUROPEAN PHARMAOPOEIAS

INCI : Hydrogenated polydecen, Cera microcristallina

| Product | Drop melting point, °C Aiglon MEQU015 | Cone penetration at 25°C, 1/10 mm MEQU017 | Viscosity at 100°C, mm2/s MEQU012 | Description | Main applications | Oils absorption capacity *Low **Medium ***High | Ductility *Short fibers **Medium ***Long | Texture, Homogeneity *Granulous **Medium ***Very smooth | Gloss (texture) *Mat **Medium ***High gloss | Gloss (on the skin) *Mat **Medium ***High gloss | Spreading *Difficult **Medium ***Excellent | Tackiness *Non tacky **Slightly tacky ***Tacky | Lubrication *Draggy **Glides ***Glides well | Absorption *Slow **Medium ***Fast |
|----------------------|--|---|-----------------------------------|--|--|---|---|--|--|--|---|---|--|--|
| Emosyn PDI SP 001062 | 60-70 | 170-200 | 3-7 | <ul style="list-style-type: none"> Creamy texture, matt finish Velvety and non-sticky Conforms with COLIPA recommendations for lip care | <ul style="list-style-type: none"> Cosmetics «mineral-oil-free» and «paraffin-free» Face body and hand care Lip balm in sticks and jars | ** | ** | *** | *** | *** | ** | ** | *** | ** |



BIODEGRADABLE

SMYLIN - Biodegradable petroleum jelly of mineral origin

INCI : Petrolatum

| Product | Drop melting point, °C Aiglon MEQU015 | Cone penetration at 25°C, 1/10 mm MEQU017 | Viscosity at 100°C, mm2/s MEQU012 | Description | Main applications | Oils absorption capacity *Low **Medium ***High | Ductility *Short fibers **Medium ***Long | Texture, Homogeneity *Granulous **Medium ***Very smooth | Gloss (texture) *Mat **Medium ***High gloss | Gloss (on the skin) *Mat **Medium ***High gloss | Spreading *Difficult **Medium ***Excellent | Tackiness *Non tacky **Slightly tacky ***Tacky | Lubrication *Draggy **Glides ***Glides well | Absorption *Slow **Medium ***Fast |
|---------|--|---|-----------------------------------|--|---|---|---|--|--|--|---|---|--|--|
| Smilyn | 50-65 | 170-220 | 3-5 | 100 % biodegradable vaseline, mineral origin | Excellent base for all dermo-cosmetic creams, sun protection creams and for many cosmetic and pharmaceutical formulations | ** | ** | *** | ** | ** | *** | * | *** | ** |

WASHABLE PETROLEUM JELLIES

| Product | Drop melting point, °C Aiglon MEQU015 | Cone penetration at 25°C, 1/10 mm MEQU017 | Viscosity at 100°C, mm2/s MEQU012 | Description | Main applications | Oils absorption capacity *Low **Medium ***High | Ductility *Short fibers **Medium ***Long | Texture, Homogeneity *Granulous **Medium ***Very smooth | Gloss (texture) *Mat **Medium ***High gloss | Gloss (on the skin) *Mat **Medium ***High gloss | Spreading *Difficult **Medium ***Excellent | Tackiness *Non tacky **Slightly tacky ***Tacky | Lubrication *Draggy **Glides ***Glides well | Absorption *Slow **Medium ***Fast |
|---|--|---|-----------------------------------|--|---|---|---|--|--|--|---|---|--|--|
| INCI : Cera mecrocrystallina, Paraffinum liquidum, C12-C13 Pareth-4, Paraffin | | | | | | | | | | | | | | |
| TF-L 001078 | 42-50 | 196 typical value | 4-6 | <ul style="list-style-type: none"> Soft, slightly fibrous Spreads easily, good lubricant Soft velvety finish, non-tacky | <ul style="list-style-type: none"> Make-up remover, hair care Massage products Polishes and creams for untangling animal fur | ** | ** | ** | *** | ** | ** | ** | ** | ** |
| INCI : Cera mecrocrystallina, Paraffinum liquidum, C12-C13 Pareth-4 | | | | | | | | | | | | | | |
| 44-L 002022 | 60-68 | 152-192 | 7-9 | <ul style="list-style-type: none"> Creamy, fibrous texture Improves adherence, hold and shine of hair products Good oil retention | <ul style="list-style-type: none"> Hair care products: styling wax, glosses, fixatives, masks Ethnic lines | *** | *** | * | *** | *** | * | *** | * | * |

MINERAL ORIGIN PRODUCTS

Aiglon Transgels are transparent gels based on oils and copolymer blocks. They are thickeners for clear and glossy non-aqueous products. They have excellent dispersion and suspension properties. They are colourless and odourless, hydrophobic and lipophilic and are stable over a wide temperature range.

INCI : Paraffinum Liquidum ou Isoparaffin C18-C50 or Hydrogenated Polydecene or Hydrogenated Polyisobutene / Caprylic Capric Triglycerides / Hydrogenated Styrene Isoprene Copolymer

TRANSGEL

Polymer-based cosmetic gels

| Product | Density @ 25°C Aiglon MEQU046 | Viscosity @25°C cP Brookfield LVT module 4 | Colour Aiglon MEQU029 | Description | PURITY: Gels 105 and 110 are based on codex liquid paraffin oil in accordance with the European Pharmacopoei Application |
|----------------------------|----------------------------------|--|--------------------------|--|--|
| Transgel 105 003005 | 0,870 | 23 000-28000 RPM: 12/RPM: 6 | Crystal clear | <ul style="list-style-type: none"> • Transparent thickeners • Hydrophobic, odourless, non toxic and non irritant • Onctuous, non-greasy | <ul style="list-style-type: none"> • The Transgels pour at room temperature and present no particular mechanical properties. They find their use in all forms of creams (make-up, sun care products, deodorants, lipsticks...) • The main interest of Transgels lies in their use as thickeners of mineral oils and most vegetal oils along with a number of fatty alcohols, polybutenes and esters. • They are texturising • They are particularly interesting for water resistant formulations |
| Transgel 110 003006 | 0,870 | 250 000-400 000 RPM: 1,5 | | <ul style="list-style-type: none"> • Mineral Oil Free with polyisobutene, fully synthetic | |
| Transgel 110 P 003013 | 0,820 | 300 000-400 000 RPM: 1,5/RPM: 6 | | <ul style="list-style-type: none"> • Mineral Oil Free with polydecene, fully synthetic | |
| Transgel 110 PDI 003020 | 0,830 | 350 000-450 000 RPM: 1,5/RPM: 6 | | | |

INCI : Paraffinum Liquidum ou Hydrogenated Polydecene / Caprylic Capric Triglycerides / Hydrogenated styrene/butadiene copolymers

TRANSGEL

Elastomeric gels

| Product | Density @ 25°C | Melting point °C Aiglon MEQU015 | Colour Aiglon MEQU029 | Description | PURITY: the 510 gel is Codex liquid paraffin based conforming to the European Pharmacopoeia |
|----------------------------|----------------|------------------------------------|--------------------------|---|--|
| | Aiglon MEQU046 | | | | Application |
| Transgel 510 003004 | 0,870 | 70-90 | Crystal clear | <ul style="list-style-type: none"> • Neutral, odourless, hydrophobic gel • Compatible with mineral oils and cosmetic preparations | <ul style="list-style-type: none"> • Transgels are used in all forms of creams (make-up, sun care products, deodorants, lipsticks, massage gels, eye shadow, gelled baby oils, body lotions, shower gels...) • The main interest of Transgels lies in their use as thickeners of mineral oils and most vegetal oils along with a number of fatty alcohols, polybutenes and esters. • The easy use of elastomeric Transgels is due to their behavior in function with temperature. They are stable in a larger range of temperatures, melt between 70°C and 100°C, and resume their gel texture simply by cooling down. This thermal cycle may be repeated as many times as necessary. • They are particularly interesting for water resistant formulations |
| Transgel 510 PDI 003010 | 0,870 | 80-100 | | <ul style="list-style-type: none"> • Polydecene based with no added mineral substances | |

INCI : Paraffinum Liquidum / Silane, dichlorodimethyl

OTHER GELS

Mineral oil based

| Product | Melting point, °C Aiglon MEQU015 | Cone penetration 25°C NFT 60-119 | Density @ 25°C Aiglon MEQU046 | Colour Aiglon MEQU029 | Description | APPLICATIONS |
|-------------------------|-------------------------------------|-------------------------------------|----------------------------------|--------------------------|--|--|
| Jell'S 003001 | / | / | 0,900-0,990 | Crystal clear | <ul style="list-style-type: none"> • Codex paraffin oil based gel, with no melting point • Thixotropic behaviour • Purity : Codex liquid paraffin oil-based gel in accordance with the European Pharmacopoeia | <ul style="list-style-type: none"> • Anti-wrinkle gels • Body care, sun gels • Make up removal preparations, shaving products, labial balm... |
| Transgel n° 2 003007 | 70-90 | / | 0,855 | Crystal clear | <ul style="list-style-type: none"> • Codex paraffin oil and polymer based gels | <ul style="list-style-type: none"> • Decoration and candles |

MINERAL ORIGIN PRODUCTS

Our pharmaceutical white oils are highly purified by a severe catalytic hydrogenation treatment. They are colourless, odourless and of a superior stability to oxidation.

CODEX MEDICINAL WHITE OILS

INCI : Paraffinum liquidum

| Product | Physical properties | | | | | | Applications | | | | |
|-----------------------|----------------------------|-----------------------|------------------------------|---|-------------------|-----------------------|---|---|---|---|---|
| | Viscosity @40°C MEQU012 | Density @ 20°C | Couleur | Degree of purity | | | Daily absorption approved by: | | Cosmetic industry | Pharmaceutical industry | |
| | | | | Pharmacopoeias | FDA | | JEFCA (Joint Expert Committee on Food Additives) | EU SCF (Scientific Committee on Food) | | | |
| | | | | Codex EP BP-USP-DAB-JP | 21 CFR 172.878 | 21 CFR 178.3620(a) | | | | | |
| ISO W05(a) 004006 | 3,7 typical value | 0,81 typical value | Crystal clear Transparent | All Aiglon white oils meet the requirements of the strictest pharmacopoeias and FDA | | | NA* | NA | <ul style="list-style-type: none"> Liquid brilliantine Hair cream Beauty creams and lotions Liquid or cream sun protection Baby products Liquid or cream make-up removers etc. | / | / |
| ISO W7,5(a) 004016 | 7 typical value | 0,82 typical value | | | | | NA | NA | | / | |
| AA B2 004000 | 14 typical value | 0,810-0,875 | | | | | Temporary 0-0.01 mg/kg bw | Temporary 0-0.01 mg/kg bw | | / | |
| AAA B3 004003 | 62 typical value | 0,827-0,890 | | | | | Permanent 0-10 mg/kg bw | Temporary 0-4 mg/kg bw | | Preparations which require a binding agent or a vehicle for active principles | Laxative preparations in emulsions or gels |
| AAAA B4-F 004020 | 100 typical value | 0,86 typical value | | | | | Permanent 0-20 mg/kg bw | Temporary 0-4 mg/kg bw | | | |
| Speciale NE 004024 | 21 typical value | 0,810-0,875 | | | | | Temporary 0-0.01 mg/kg bw | Temporary 0-0.01 mg/kg bw | | | |
| 110 004004 | 25-29 | 0,847-0,873 | | | | | Temporary 0-0.01 mg/kg bw | Temporary 0-0.01 mg/kg bw | | | |

* Non applicable

Limits of density and viscosity are indicated in the E.P. and different pharmacopoeias.

They only have an indicative but not obligatory value. Concerning the purity, these oils comply with all requirements of the different pharmacopoeias and the F.D.A. (CFR 172 882 / CFR 172 878).

MINERAL ORIGIN PRODUCTS

Due to a severe hydrogenation treatment, our paraffins meet the quality requirements of the different pharmacopoeias and the FDA (Food & Drug Administration) for the food, pharmaceutical and cosmetic sectors.

PARAFFINS

INCI : Paraffin

| Product | Physical properties | | | | | | Applications | | | | | | | |
|-----------------------------|---------------------------------------|---------------------------------------|-----------|-------------------|---|---------|---|---------|-----------------|---|---|---|---|--------------------|
| | Drop melting point, °C Aiglon MEQU015 | Needle penetration at 25°C NFT 60-123 | Aspect PE | Degree of purity | | | Pharmaceutical and cosmetical application | Candles | Food protection | Paper, cardboard fireboard treatment (food contact) | Chewing gum, dental waxes, modeling clays | Wood industry, cable protection, vine and fruit tree grafting | Cosmetic exfoliating gels, adhering hair creams | Hot-melt adhesives |
| | | | | Pharmacopoeias PE | FDA 172.886 172.615 172.105 176.170 176.180 178.3710 | BGA XXV | | | | | | | | |
| Par. Plastique 46/50 006018 | 46-50 | 35-55 | White | * | * | * | * | * | * | * | / | * | / | * |
| Paraffine 52/54 006009 | 51-55 | 14-20 | White | * | * | * | * | * | * | * | / | * | / | * |
| Paraffine 54/56 006023 | 53-57 | 14-20 | White | * | * | * | * | * | * | * | / | * | * | * |
| Paraffine 58-60 006025 | 58-60 | 15-19 | White | * | * | * | * | * | * | * | / | * | * | * |
| Paraffine 68-70 0060203 | 66-72 | 18-22 | White | NA | * | * | / | * | * | * | * | * | * | * |

MINERAL ORIGIN PRODUCTS

Due to a severe hydrogenation treatment, our microwaxes meet the quality requirements of the different pharmacopoeias and the FDA (Food & Drug Administration) for the food, pharmaceutical and cosmetic sectors.

MICROCRISTALLINE WAXES

INCI : Cera microcristallina

| Product | Physical properties | | | | | Applications | | | | | | | |
|------------------------|-------------------------------------|--|-----------|---|---------|---|---------|-----------------|---|---|---|---|--------------------|
| | Melting point, °C Aiglon MEQU015 | Needle penetration at 25°C NFT 60-123 | Aspect PE | Degree of purity | | Pharmaceutical and cosmetical application | Candles | Food protection | Paper, cardboard fireboard treatment (food contact) | Chewing gum, dental waxes, modeling clays | Wood industry, cable protection, vine and fruit tree grafting | Cosmetic exfoliating gels, adhering hair creams | Hot-melt adhesives |
| | | | | FDA 172.886 172.615 172.105 176.170 176.180 178.3710 | BGA XXV | | | | | | | | |
| Aiglowax 709 006037 | 88-102 | 4-10 | White | * | NA | * | * | * | * | * | * | / | / |
| Aiglowax 551 006001 | 79-88 | 12-35 | White | * | NA | * | * | * | * | * | * | * | * |
| Aiglowax 528 006019 | 76-82 | 25-35 | White | * | * | * | * | * | * | * | * | * | * |

TECHNICAL PRODUCTS

The technical white oils are highly refined mineral oils. They are clear, pure, limpid and practically odourless. These oils are mainly used as process oils for example in chemical and plastic industries (plasticisers, processing aids, mold releases...), and in textile industries.

TECHNICAL WHITE OILS

| Product | Density @ 15°C NF EN ISO 3675 | Viscosity NF-EN ISO 3104 cSt @ 40°C | Colour Aiglon MEQU029 | Degree of purity | Description | Applications |
|-------------------|----------------------------------|---|--------------------------|------------------|--|--|
| P 1020 005002 | 0,840 Typical value | 18-22 | White | Technical | <ul style="list-style-type: none"> • Good resistance to oxydation | <ul style="list-style-type: none"> • Chemical and plastic industry (demoulding additives, plasticizers and dispersing agents...) • Textile industry (lubricant of natural/synthetic fibres, machines...) • Dust control products (cement plants...) |
| P 1020S 004041 | 0,850 Typical value | 18-22 | | | <ul style="list-style-type: none"> • Good resistance to oxydation • Low HPA content (benzo(a)pyrene < 30 ppb) | |

INDUSTRIAL PETROLEUM JELLIES

| Product | Melting point, °C Aiglon MEQU015 | Cone penetration @ 25°C NFT 60-119 | Viscosity NF-EN ISO 3104 cSt @ 100°C | Colour Aiglon MEQU029 | Purety | Description | Applications |
|-----------------------------|-------------------------------------|---------------------------------------|--|--------------------------|-----------|--|--|
| Jaune 61 (yellow) 002002 | 64 typical value | 140-175 | 3-7 | Yellow | Technical | <ul style="list-style-type: none"> • Medium fibres, hard • Light petroleum smell | <ul style="list-style-type: none"> • Lubricating of delicate metal components • Corrosion protection • Polish manufacture, multipurpose.. |
| Jaune 5S (yellow) 002004 | 50 typical value | 140-175 | 3-7 | Yellow | Technical | <ul style="list-style-type: none"> • Medium fibres, hard • Light petroleum smell | <ul style="list-style-type: none"> • Lubricating of delicate metal components • Corrosion protection • Polish manufacture, multipurpose.. |

INDUSTRIAL PARAFFINS AND WAXES

Aiglon has a range of microwaxes and paraffins according to your criteria and requirements.