

**Ecological polymers, improving life**

# PERSONAL CARE CATALOGUE



# RETINOL RANGE

# MICROCAPSULES

	DESCRIPTION	PROPERTIES	FORMULATION
<b>CAPSURETINOL UHC</b>	13% <i>all-trans retinol</i> -loaded microcapsules. Water base emulsion. BHT-free.	Pressure-triggered <i>all-trans retinol</i> release. Anti-wrinkle, photo-aging reversion, anti-oxidant and anti-acne.	0.2 - 2.3 %
<b>CAPSURETINOL PF</b>	3% <i>all-trans retinol</i> -loaded microcapsules. Water base emulsion.	Pressure-triggered <i>all-trans retinol</i> release. Anti-wrinkle, photo-aging reversion, anti-oxidant and anti-acne.	1.0 - 10.0 %
<b>CAPSURETINOL RP</b>	30% <i>retinyl propionate</i> -loaded microcapsules. Water base emulsion.	Pressure-triggered <i>retinyl propionate</i> release. Anti-wrinkle, photo-aging reversion, anti-oxidant and anti-acne.	0.1 - 1.0 %



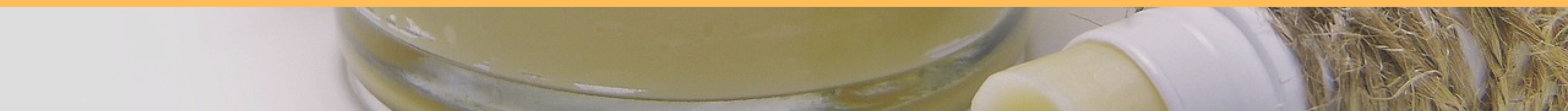
# WELL-AGING RANGE

# ENCAPSULATED ACTIVES

	DESCRIPTION	PROPERTIES	FORMULATION
<b>CAPSURESVERATROL</b>	3% <i>trans-resveratrol</i> capsules. Water base emulsion. Free of surfactants.	Redox-triggered <i>resveratrol</i> release by biological fluids. Antioxidant, anti-inflammatory, whitening.	3.0 - 10.0 %
<b>CAPSUCURCUMIN</b>	3% <i>curcumin</i> capsules. Water base emulsion. Free of surfactants.	Redox-triggered <i>curcumin</i> release by biological fluids. Antioxidant and anti-inflammatory.	3.0 - 10.0 %
<b>CAPSUBAKUCHIOL</b>	3% <i>bakuchiol</i> capsules. Water base emulsion. Free of surfactants.	Redox-triggered <i>bakuchiol</i> release by biological fluids. Antioxidant, anti-acne and anti-inflammatory.	3.0 - 10.0 %
<b>ECOCAPS- TOCOPHEROL</b>	21% <i>vitamin E (D, L-alpha-tocopherol)</i> -loaded microcapsules. Water base emulsion.	Pressure-triggered <i>D, L-alpha-tocopherol</i> release. Free-radical scavenger and antioxidant effect.	1.0 - 5.0 %



# NATURAL OILS RANGE



# ENCAPSULATED NATURAL OILS

	DESCRIPTION	PROPERTIES	FORMULATION
<b>ECOCAPS-SPEARMINT</b> <b>(93% natural)</b>	30% <i>Mentha viridis</i> leaf oil-loaded microcapsules.	Pressure-triggered <i>Mentha viridis</i> leaf oil release. Long-lasting mint scent and antimicrobial effect. Antioxidant and anti-inflammatory.	1.0 - 5.0 %
<b>ECOCAPS-LAVENDER</b> <b>(97% natural)</b>	30% <i>Lavandino Abrialis</i> essential oil-loaded microcapsules. <b>Biodegradable ISO 14851</b>	Pressure-triggered <i>Lavandino Abrialis</i> sustained release. Long-lasting scent. Relaxing effect, antimicrobial, anti-inflammatory, antioxidant.	1.0 - 5.0 %
<b>ECOCAPS-TEA TREE</b> <b>(97% natural)</b>	30% <i>Australian Melaleuca Alternifolia</i> essential oil-loaded microcapsules. <b>Biodegradable ISO 14851.</b>	Pressure-triggered <i>Australian Melaleuca Alternifolia</i> essential oil sustained release. Long-lasting effect. Anti-inflammatory, antimicrobial, anti-acne and lice prevention	1.0 - 5.0 %

# ENCAPSULATED NATURAL OILS

	DESCRIPTION	PROPERTIES	FORMULATION
<b>ECOCAPS-MENTHOL</b>	6% <i>Menthol</i> -loaded microcapsules.	Pressure-triggered release of <i>Menthol</i> . Used in combination with free menthol for a long-lasting cooling effect. Analgesic, anti-inflammatory, pain-reliever, antimicrobial and anxiety-reliever.	5.0 - 20.0 %
<b>ECOCAPS-MENTHOL PLUS</b>	15% <i>Menthol</i> -loaded microcapsules.	Pressure-triggered release of <i>Menthol</i> . High menthol concentration giving a cooling effect that last over the hours. Analgesic, anti-inflammatory, pain-reliever, antimicrobial and anxiety-reliever.	2.0 - 10.0 %





# FRAGRANCES RANGE

# ENCAPSULATED FRAGRANCES

	DESCRIPTION	PROPERTIES	FORMULATION
<b>ECOCAPS-GREEN APPLE</b>	30% fragrance-loaded microcapsules.	Pressure-triggered green apple fragrance release. Long-lasting fruity and fresh scent (aromatic).	1.0 - 5.0 %



# FILM FORMERS RANGE

# HAIR CARE

	DESCRIPTION	PROPERTIES	FORMULATION
<b>ECOFILMCARE-A</b>	Water-based anionic film-forming hybrid silane-polyurethane polymer.	This polymer is designed for curl retention in hair sprays giving a abrasion, water and alkali resistant.	1.0 - 5.0 %
<b>ECOFILMCARE-C</b>	Water-based cationic film-forming organic-inorganic hybrid cross-linked polyurethane.	This polymer is designed for curl retention in hair sprays giving a abrasion and water resistant.	1.0 - 5.0 %
<b>ECOFILMCARE-S</b>	Water-based cationic film-forming organic-inorganic hybrid cross-linked polyurethane with silicone (not free).	This polymer is designed for high humidity, water and abrasion resistance in hair styling giving a silky touch and shining effect.	1.0 - 5.0 %
<b>ELYSAN W</b>	Anionic aqueous dispersion of aliphatic polyester-polyurethane. INCI: POLYURETHANE-34.	Hair conditioners, hair masks, serums and hair-sprays to provide extra humidity and heat protection, elasticity and shine to hair.	5.0 - 25.0 %
<b>ELYSAN HR W</b>	Anionic polyester-polyurethane aqueous dispersion. INCI: POLYURETHANE-48.	Designed to improve adhesion properties, softness, hairstyle retention, moisture resistance, elasticity and excellent light film-forming performance.	1.0 - 5.0 %
<b>ELYSAN PLUS W</b>	Anionic aqueous dispersion of aliphatic polyester-polyurethane. Self-crosslinking after dry. INCI: POLYURETHANE-34 (AND) AMINOPROPYL TRIETHOXYSILANE.	Improved washing resistance, binding properties, softness and dry feeling. As well as elasticity and an excellent light-weight film-forming behaviour.	5.0 - 25.0 %

# SKIN CARE

	DESCRIPTION	PROPERTIES	FORMULATION
<b>ELYSAN</b>	Anionic aqueous dispersion of aliphatic polyester-polyurethane	It makes a film to form a barrier that reduces bacterial adhesion to the skin.	5.0 - 25.0 %
<b>ELYSAN W</b>	Anionic aqueous dispersion of aliphatic polyester-polyurethane. INCI: POLYURETHANE-34.	It makes a water-resistant film to form a barrier that reduces bacterial adhesion to the skin.	5.0 - 25.0 %

# COLOR COSMETICS

	DESCRIPTION	PROPERTIES	FORMULATION
<b>ELYSAN PLUS W</b>	Anionic aqueous dispersion of aliphatic polyester-polyurethane. Self-crosslinking after dry. INCI: POLYURETHANE-34 (AND) AMINOPROPYL TRIETHOXYSILANE.	This polymer is designed for nail polish forming a light film with great adhesion, elasticity and water resistant.	5.0 - 25.0 %
<b>ELYSAN W</b>	Anionic aqueous dispersion of aliphatic polyester-polyurethane. INCI: POLYURETHANE-34.	Designed to be included in facial masks especially in peel-off masks where it forms a highly elastic and water resistant film.	1.0 - 10.0 %
<b>ELYSAN PLUS</b>	Anionic aqueous dispersion of aliphatic polyester-polyurethane. Self-crosslinking after dry.	Slight film formation and high elasticity in water-based nail polish.	5.0 - 25.0 %
<b>ELYSAN DS W</b>	Anionic aliphatic polyester-polyurethane aqueous dispersion. INCI: POLYURETHANE-35.	This polymer is designed for make up and nail polish to provide a transfer-resistant properties, softness, long-lasting, fast drying, excellent abrasive resistance, good washability and anti-pollution barrier.	0.5-30.0%

# COLOR COSMETICS

	DESCRIPTION	PROPERTIES	FORMULATION
<b>ECOFILMCARE-A</b>	Water-based anionic film-forming hybrid silane-polyurethane polymer.	This polymer is designed for advanced nail polish products providing abrasion, water and alkali resistance.	1.0 - 5.0 %
<b>ECOFILMCARE-C</b>	Water-based cationic film-forming organic-inorganic hybrid cross-linked polyurethane.	This polymer is designed for advanced nail polish products providing abrasion and water resistance.	1.0 - 5.0 %
<b>ECOSUN (63% Biobased*)</b> <small>*Dried polymer</small>	Ethanol-based non-ionic polyurethane film-former.	Forms a highly water-resistant film with great adhesion when applied to nails.	5.0 - 25.0 %

# SUN CARE

	DESCRIPTION	PROPERTIES	FORMULATION
<b>ELYSAN W</b>	Anionic aqueous dispersion of aliphatic polyester-polyurethane. INCI: POLYURETHANE-34.	Forms a highly water-resistant film when applied to wet skin. Used in lotions and aqueous sun creams.	1.0 - 10.0 %
<b>ECOSUN (63% Biobased*)</b> <small>*Dried polymer</small>	Ethanol-based non-ionic polyurethane film-former.	Forms a highly water-resistant film when applied to wet skin. Used in aerosols, sprays and oil-based sun creams.	1.0 - 10.0 %





# CONDITIONERS RANGE

# LEAVE ON CONDITIONERS

	DESCRIPTION	PROPERTIES	FORMULATION
<b>ECOREPAIR</b>	Aqueous polymer dispersion based on a thiol-functionalized reactive polyurethane-polyurea modified silicone.	Hybrid siloxane-polyurethane polymer for hair and skin keratin repair, designed to recover damaged hair fibers, making a strong bond to moisturize the hair. Thermal protection for damaged hair. No build-up effect and silky/shiny feel.	3.0 - 5.0 %
<b>ECOFIXER</b>	A hydrophobic hybrid aqueous polymer dispersion based on a thiol functionalized reactive polyurethane-polyurea modified silicone.	Designed to recover damaged hair fibers by performing a strong bonding. This is carried out by the action of a cross-linkable reactive polymer, which selectively binds to certain functional groups present in the keratin protein. Thus, when ECOFIXER is applied to the hair, it generates a hydrophobic film that confers long-lasting protection, elasticity and improves the natural properties of the hair.	3.0 - 15.0 %

# RINSE OFF CONDITIONERS

	DESCRIPTION	PROPERTIES	FORMULATION
<b>SILAIRCARE</b>	16% amodimethicone-loaded polyurethane-nano/microcapsules.	Drying-activated release of amodimethicone giving a silky touch and shining effect on hair. Ideal as rinse-off conditioner during blow-drying or flat ironing procedures.	5.0 - 20.0 %



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