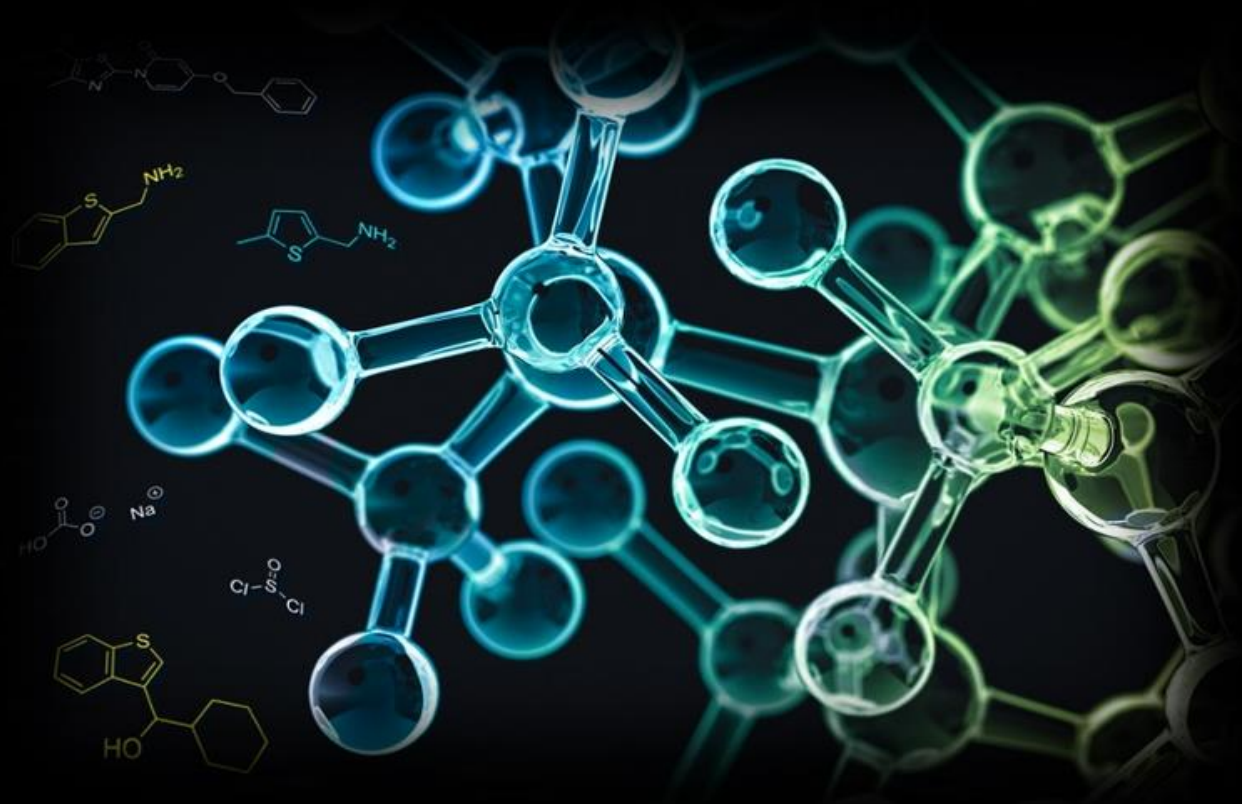


ANTREE INDUSTRY

PRODUCT CATALOG



Sustainable Chemistry for Textiles and Plastics

2025

Website

www.antreeindustry.com

Contact

kristen.antreechem@gmail.com

Antree Industry

20+ years of innovation, quality, and sustainability.



Antree Industry has over 20 years of expertise in textile auxiliaries, rPET solutions, and packaging.

With 3 factories in China and a Singapore branch for global trade, we supply 200+ partners worldwide.



www.antreeindustry.com

ISO9001:2015 | Bluesign In Progress | High-tech Enterprise | Innovative Enterprise



Driving a sustainable future through innovation & compliance

Looking for sustainable chemical solutions?

Contact us today to learn more!

Contact Us

ABOUT US

Antree Industry is a specialized chemical and textile solutions provider dedicated to innovation, quality, and sustainability. With deep expertise in textile auxiliaries, pretreatment, dyeing, and finishing solutions, we serve manufacturers seeking efficiency, performance, and environmental responsibility.

Our product portfolio includes a full range of pretreatment agents, dyeing auxiliaries, finishing chemicals, PET cleaning powders, and down-care solutions, designed to meet the diverse needs of textile and industrial applications.

By combining advanced R&D with strict quality control, we ensure consistent results that help our clients achieve superior fabric performance and production efficiency.



At Antree, we believe in building long-term partnerships with our customers. We focus on delivering not just products, but complete solutions that address challenges in modern textile processing, from energy-saving pretreatment, to high-performance dyeing, to eco-friendly finishing.

Guided by the values of innovation, integrity, and sustainability, Antree Industry continues to expand its global presence while staying true to its mission:

To empower textile and chemical industries with reliable, efficient, and eco-conscious solutions.

R&D Laboratory

Our R&D laboratory is equipped with advanced instruments to ensure product innovation, stability, and consistent quality.

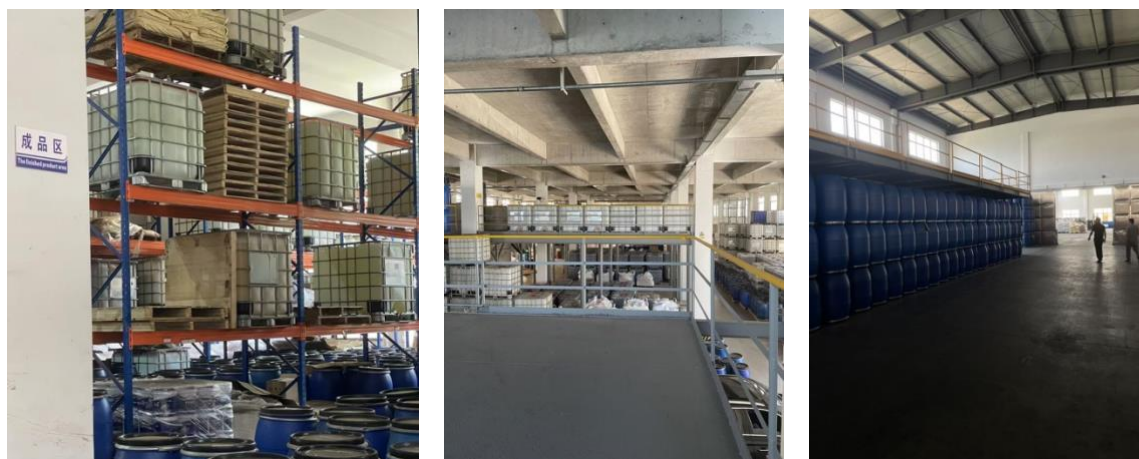


Factories

Antree operates two state-of-the-art factories dedicated to the manufacturing of textile chemicals. We hold multiple technical patents and have been recognized as a *High-Tech Enterprise* by the Chinese government. In addition to our proprietary products, we also provide OEM services for several well-known publicly listed companies.

Currently, two additional factories are under construction, which will focus on producing IBC drums for chemical storage. We also operate a specialized factory for coatings production.

All facilities are managed with strict quality control systems and equipped with modern production lines certified under *ISO 9001:2015*, ensuring reliable large-scale manufacturing capacity and timely delivery to clients worldwide.



Antree Product Catalog

Version 10.1 | Last Revision: January 2025

Pretreatment Auxiliaries **3**

Dyeing Auxiliaries..... **6**

Silicone Softeners **12**

Functional Finishing Auxiliaries **12**

PET Bottle Flake Washing Powder Series **14**

Down Feather Series **15**

Basic Chemicals **16**

Packaging **16**

Home & Lifestyle Series..... **17**

 Laundry Detergent Series (OEM service available)..... 18

 100% Mulberry Silk Duvet (OEM service available) 19

Pretreatment Auxiliaries

Introduction: Pretreatment Auxiliaries are used in the preparation stage for printing and dyeing. They remove various impurities from greige fabrics (or fibers and yarns), transforming them into semi-finished textiles with whiteness, softness, and excellent wettability, ready for subsequent printing and dyeing processes.

Product Name	Features	Applications
Dyeing & Soaping Agent Antree1004	—	Can be used for dyeing baths; excellent emulsification, dispersion, and penetration; strong cleaning ability, easy to rinse, with little color impact.
Degreasing Agent Antree1115	Nonionic	Excellent emulsifying and dispersing ability in neutral and weak alkaline media; especially effective on wool, silk, and similar fibers.
Special Degreasing Agent Antree1006	Nonionic	Effectively removes difficult heavy oil stains and fibrous grease not easily removed by general degreasers; suitable for striped silk; minimal impact on luster.
High-Efficiency Degreaser Antree1001	Nonionic	Special effect for removing oil stains and mixed textiles during pretreatment; also has scouring and washing effects.
Chelating Dispersant Antree1020	Anionic	Effectively controls chelation in bleaching and dyeing processes, improves stability in bleaching baths, suitable for hard water.
Leuco Dispersant Antree1050	Anionic	Mainly used for indigo dyeing; excellent dispersing effect, improves fabric quality, reduces streaks and color spots, improves levelness.
Compound Dispersant Antree1051	Anionic	Excellent dispersing properties, low viscosity, protects dyes, prevents stains and agglomeration; resistant to alkali and electrolytes.
High-Efficiency Scouring Agent Antree1010	Anionic	Excellent wetting, emulsification, and scouring power; ideal for cotton/polyester blends, refining and bleaching; achieves optimal whiteness and cleanliness.
Alkaline Scouring Agent Antree1036	Anionic	Excellent for removing floating color and unfixed dyes under alkaline conditions; does not affect dye shade.
Acid Scouring Agent Antree1035	Anionic	Excellent emulsification, detergency, and scouring power; suitable for direct dye scouring under weak acid; no impact on shade; improves fastness.

Multifunctional Refining Agent AntreeR1001	Appearance: White granular crystals Ionicity: Anionic pH: 10.5-12.0 when dissolved Solubility: Easily soluble in warm water	Antree R1001 is a composite, multifunctional oxygen bleaching auxiliary agent. It replaces traditional process components such as oxygen bleaching stabilizers, refining penetrants, and caustic soda, thus reducing production costs and shortening the oxygen bleaching process. It is especially suitable for the oxygen bleaching process of cotton, linen, and their blended fabrics.
Low-Temperature Refining Agent	Main Components: Composite of surfactants. Appearance: Colorless pH Value (1% aqueous solution): 6.0-7.0 Ionicity: Anionic/Nonionic Packaging: Stored in 125 kg plastic drums, sealed and protected from light	<p>Suitable for continuous or batch low-temperature oxygen bleaching pretreatment processes for cotton and cotton-blend fabrics.</p> <p>The low-temperature refining agent can lower the bleaching temperature with hydrogen peroxide, enabling bleaching of cotton and cotton-blend fabrics at a low temperature of 70°C.</p> <p>It provides excellent refining results, improving the whiteness and absorbency of fabrics at relatively low temperatures.</p> <p>The reaction is mild, maintaining fiber shape with minimal strength loss and low weight loss.</p> <p>In cold padding processes, it can shorten the cold padding time and improve efficiency.</p> <p>It saves energy and reduces consumption, shortens processing time, lowers overall costs, and is simple to operate.</p>
Oxygen Bleaching Stabilizer Antree1020	Anionic	Effectively stabilizes hydrogen peroxide decomposition during cold pad-batch or high-temperature bleaching.
Stabilizer Antree1025	Anionic	Prevents decomposition of hydrogen peroxide in textile bleaching; has stabilizing and dispersing properties, reduces bleaching damage, ensures uniform bleaching, improves whiteness.
Peroxide Neutralizer Antree1025	Anionic	Thoroughly decomposes residual peroxide, prevents yellowing and fabric damage; also serves as neutralizer and cleaner.
Detergent Antree1209	Anionic/Nonionic	Suitable for various textile printing, dyeing, and post-soaping processes; ideal for silk degumming and detergent use.
Special Soaping Agent Antree1030	Anionic/Nonionic	Excellent washing and dispersing of unfixed dyes, reducing and direct dyes; effectively prevents re-staining.

Alkali-Resistant Soaping Agent Antree1007	Anionic	Excellent permeability, alkali- and high-temperature resistance; suitable for cotton and polyester/cotton blends in soaping and cooling processes.
Acid Soaping Agent Antree1032	Main Composition: Mixture of various high molecular polymers Appearance: Pale yellow transparent liquid Ionic Nature: Anionic pH Value (1% aqueous solution): 2.0-4.0 Packaging: 50kg plastic drum	Foam-free. Used in the soaping process after dyeing with reactive dyes, combining acid neutralization and soaping in one step. This can save more than one-third of the neutralizing acid used, reduce energy consumption, and lessen the burden on wastewater treatment. Excellent in neutralizing, cleaning, dispersing, and suspending unfixed dyes, alkalis, and electrolytes. During the soaping process for cotton and its blended fabrics, T/R (polyester/viscose), it can remove surface dyes and prevent re-staining. Strong dispersing ability to prevent white spots and dye defects caused by water quality issues after soaping.
Continuous Soaping Agent Antree1004	Nonionic	Suitable for continuous soaping after dyeing. Excellent emulsifying, dispersing, and penetrating power; strong ability to remove unfixed dye; can replace scouring agent; does not affect shade.
Combined Soaping Agent Antree1050	Anionic	Mainly used in dyeing baths; provides combined advantages: improved levelness, removal of unfixed dyes and stains.
Combined Soaping Agent Antree1051	Anionic	Excellent dispersing power and low foaming; preserves shade brightness, prevents stains and re-staining; high alkali resistance.
Reductive Cleaning Agent Antree1035	Anionic	Removes floating colors from polyester and its blends after dyeing; cleans disperse dyes from fiber surfaces; improves color fastness.
Acidic Cleaning Agent Antree1036	Anionic	Removes oligomers generated during polyester dyeing under acidic conditions; does not affect fabric shade.
Acidic Reductive Cleaning Agent Antree2500Z	Appearance: Light brownish-white powder Composition: Reducing agent,	Provides high color fastness. Low dosage required, cost-effective. Can clean and reduce without draining the liquid, reducing the cost of steam, water, and time.

	special anionic surfactants Ionicity: Anionic pH: (5% aqueous solution) Approximately 10.0 Solubility: Must be dissolved in cold water	Does not require acid neutralization after dyeing, improving work efficiency. It is a single-agent type, making the usage method simple.
Softening Powder CK	Anionic	Calcium and magnesium sequestrant; pretreatment softener for dyeing baths.

Dyeing Auxiliaries

Introduction: Dyeing auxiliaries are essential chemicals used in the application of dyestuffs and pigments to textile materials such as fibers, yarns, and fabrics. They enhance dye uptake, promote uniform coloration, and ensure the required levels of shade, brightness, and color fastness.

Product Name	Features	Applications
Anti-back Staining Agent (Denim)	<ul style="list-style-type: none"> • Ionicity: Cationic • Components: Polyester compounds 	An environmentally friendly high concentration polymer, mainly used in desizing, fermentation and washing processes, which can effectively prevent fabric from staining; It can also remove impurities on the surface of the fabric, making the surface clear while ensuring that the fabric does not lose elasticity.
Anti-back Staining Agent (General)	<ul style="list-style-type: none"> • Appearance: Yellow powder • pH value: 7.0–9.0 (1% solution) • Solubility: Highly water-soluble • Ionicity: Anionic 	This product is mainly used as an anti-staining agent to prevent ground fabric from being stained by unfixed dyes during reactive dyeing. It protects the whiteness of fabrics during reactive dye and printing processes and improves color fastness. It can also be used as a whitening protective agent during scouring and bleaching of fabrics containing reactive dyes. Additionally, it works as a floating color remover and a ground protection agent during steaming of reactive-dyed fabrics.
High-Temperature Dispersing/Levelling Agent Antree2001	Anionic	Strong dispersibility, prevents dye aggregation, excellent leveling effect, good migration, bright shade, prevents shade streaks, low foaming.

Low-Temperature Levelling Agent Antree2080	Nonionic	Enables uniform dyeing of wool at $\leq 80^{\circ}\text{C}$, reduces wool damage.
Cotton Dispersing Agent Antree2002	Anionic	Strong dispersibility, prevents uneven absorption in cotton blends, good dispersing and leveling, compatible with cationic auxiliaries, good alkali resistance.
Rapid Levelling Agent	<ul style="list-style-type: none"> • Appearance: Brown transparent liquid • Ionicity: Anionic/Nonionic • pH Value: 6.5-7.5 	<p>The rapid leveling agent is primarily used for high-temperature dyeing of polyester or polyester-blend fabrics and polyester microfiber fabrics.</p> <p>Compared to traditional leveling agents, the rapid leveling agent has a higher tolerance and offers significant migration and leveling effects, especially for the rapid dyeing of disperse dyes.</p> <p>Suitable for polyester, polyester blends, yarn packages, and polyester microfiber fabrics.</p>
Superfine Fiber Levelling Agent Antree2005	Anionic	Strong leveling effect, helps mixed fibers dye uniformly, good dispersibility and migration, excellent shade reproducibility.
Acid Levelling Agent Antree2007	Anionic/Nonionic	For wool, nylon, acid dyes; excellent dispersing and migration, low foaming.
Cationic Levelling Agent Antree2008	Cationic	Excellent affinity for bright shades, enhances dispersibility in cationic dyeing, superior leveling effect.
High-concentration Levelling Dyeing Agent Antree2010	Anionic	Excellent migration, repairs dyeing defects in polyester blends, improves shade evenness, reduces patchiness, excellent re-dyeability.
Yunkeling B (Levelling Agent)	Anionic/Nonionic	Improves the levelling properties of reactive dyes, acid dyes, and metal-complex dyes on wool.
Levelling Agent SET	Amphoteric	Improves dye leveling in neutral dyes, metal-complex dyes, and blends; excellent migration for wool/nylon.
Anti-Creasing Agent for Bath Antree2020	Nonionic	Effectively prevents creasing and abrasion of fabrics during rope-form processing in pretreatment and dyeing; no shade change; low foaming.

High-Efficiency Fixing Agent Antree2030	Anionic/Nonionic	Enhances wet fastness, improves soaping and wash fastness, resistant to hard water and alkali, durable.
Formaldehyde-Free Fixing Agent Antree2035	Anionic	Free of formaldehyde/monomers, improves wash, perspiration, and wet fastness of reactive/acid dyes without affecting brightness.
Acid Fixing Agent Antree2038	Anionic	Improves wash and rubbing fastness of wool, nylon, and other fabrics dyed with acid dyes.
Wool Fixing Agent Antree2038	Anionic	Enhances wool dyeing fastness (wash, perspiration, wet rubbing).
Low-Polymer Stripping Agent Antree2040	Anionic/Nonionic	Efficiently strips unfixed dyes, prevents re-staining, avoids shade dullness, maintains brightness.
Rubbing Fastness Improver Antree2050	Nonionic	Improves fastness, prevents sulfur/indigo dye rubbing issues, enhances handle.
Anti-Precipitation Soaping Agent Antree2060	Weakly Anionic	Excellent dispersing and washing effect, removes floating dyes, improves wet fastness, brightens shade.
Soaping Agent Antree2070	Weakly Anionic	Strong dispersibility and washing power, prevents unfixed dye stains, brightens and improves wet fastness.
Low-Temperature Soaping Agent Antree1007	<ul style="list-style-type: none"> • Ionicity: Anionic; • Light yellow to yellow transparent viscous liquid; • Main Components: Surfactants and polymer blends; • pH Value: ~2.0 	<p>Used for soaping after dyeing and printing with reactive dyes, vat dyes, direct dyes, naphthol dyes, and acid dyes.</p> <p>Low foam, excellent technical performance, especially effective at low temperatures, with soaping temperatures reduced to 60°C, still maintaining good anti-staining soaping effects, thus saving energy.</p> <p>Provides excellent cleaning, dispersing, and suspending effects for unfixed dyes, hydrolyzed dyes, alkalis, and electrolytes, effectively improving dye fastness.</p> <p>Superior anti-staining effect, particularly effective in preventing reactive dye staining on cotton fabrics, and preventing white background contamination in printed fabrics.</p>
Energy-Saving Soaping Agent	<ul style="list-style-type: none"> • Appearance: Colorless transparent liquid 	The energy-saving soaping agent is a product developed with a new concept, different from traditional soaping agents for reactive dyes, aimed at rationalizing processes. It excels in

	<ul style="list-style-type: none"> • pH: Approximately 6.0 	removing unfixed and hydrolyzed dyes, allowing for fewer washes after dyeing, thereby saving water. Fabrics treated with this product can achieve high fastness and vibrant colors. Additionally, it is a low-pollution product, reducing environmental and water pollution during fiber processing.
Antree Defoamer	<ul style="list-style-type: none"> • Appearance: Pale white viscous liquid • Solid Content (%): 30.0–34.0 • pH Value (1% aqueous solution): 7.5–9.5 • Ionic Nature: Nonionic • Solubility (1% aqueous solution): Easily dispersible in water 	<p>Suitable for industries like textiles, dyeing, paper-making, and wastewater treatment for foam elimination or inhibition.</p> <p>Specially designed defoamer for aqueous systems.</p> <p>Low dosage, rapid defoaming, long-lasting effect, and significant foam inhibition.</p> <p>Suitable for defoaming and foam inhibition in aqueous solutions at 100-140°C.</p> <p>Reduces process time and increases production.</p>
Dispersant WI	Anionic/Nonionic	Excellent dispersibility, wetting, penetration, emulsification, defoaming, descaling; easy to wash off.
Penetrant JFC	Nonionic	Excellent penetration and wetting; used in pretreatment or processes requiring penetration.
Defoaming Penetrant FFA	Anionic	Strong wetting & penetration, with defoaming function, ideal for scouring & bleaching.
Deepening Agent Antree7070	Cationic/Nonionic	Enhances fabric color depth, especially black; strong deepening effect, good compatibility with cationic/nonionic softeners.
Weighting Agent Antree5010	Nonionic	Increases weight of textiles by 10–20% during finishing; little effect on hand feel; durable.
Antibacterial Finishing Agent Antree5020	Nonionic	Provides antibacterial and odor resistance for bed sheets, underwear; durable and washable.
Anti-Pilling Finishing Agent Antree5025	Nonionic	Reduces fuzz/pilling on fabrics, improves wash-and-wear performance, shrinkage resistance, eco-friendly.
Anti-Pilling & Anti-Fuzzing Agent Antree5028	Cationic	Excellent resistance to pilling/fuzzing in cotton, wool, polyester and blends; durable and washable.

Fiber Strength Protector Antree5030	Cationic	Improves tear strength, minimal effect on hand feel, good wash durability.
Moisture-Wicking Finishing Agent Antree5060	Nonionic	Provides long-lasting moisture wicking, anti-static effect, and soft hand feel.
Moisture Absorbing and Quick-Drying Finishing Agent	<ul style="list-style-type: none"> • Appearance: Slightly cloudy liquid • Ionicity: Anionic • pH Value: 6.0-7.0 • Solubility: Easily soluble in water 	<p>A hydrophilic polymer that can be applied to fabrics for hydrophilic finishing, particularly suitable for moisture wicking finishing of polyester fabrics.</p> <p>Fabrics treated with this agent have excellent moisture absorption, quick-drying, and sweat-wicking properties with good durability.</p> <p>It can reduce static electricity, improving the wearability of the fabric.</p> <p>It provides a smooth and soft hand feel to the fabric.</p>
Multi-Functional Finishing Agent Antree5066	Nonionic	Improves stain release and breathability for polyester/nylon; also enhances anti-static and softness.
Fluorine-Based Water & Oil Repellent Antree5070	Weak Cationic	Excellent water/oil repellency for cotton, polyester, blends; durable, soft hand feel.
Silicone Water Repellent Antree5075	Weak Cationic	Durable water repellency with soft hand feel; suitable for cotton, polyester, blends.
Nonionic Anti-Static Agent Antree5080	Nonionic	Excellent anti-static, prevents dust absorption and yellowing; does not affect hand feel.
Nonionic Anti-Static Agent Antree5081	Nonionic	Improves anti-static effect; durable, compatible with other auxiliaries.
Durable Anti-Static Agent Antree5082	Nonionic	Durable anti-static, prevents yellowing and dust absorption, strong wash durability.
Flame Retardant Antree5090	Weak Cationic	Eco-friendly, suitable for polyester and blends; prevents continuous combustion.
Durable Flame Retardant Antree5091	Nonionic	Strong wash durability, prevents continuous burning of polyester and blends.
Cotton Flame Retardant Antree5098	Weak Cationic	Eco-friendly, suitable for cotton and cellulosic fibers; durable and washable.

Durable Cotton Flame Retardant Antree5099	Weak Cationic	Excellent durability for cotton flame-retardant finishing; resists continuous combustion.
Anti-Yellowing Agent AntreeR6200	Cationic	Prevents yellowing of polyester and blends during storage.
Anti-Yellowing Agent AntreeR6100	Nonionic	Prevents thermal oxidative yellowing of polyester during heat setting.
MiQ-UV CEL Reactive Anti-UV Finishing Agent	<ul style="list-style-type: none"> • Appearance: white to beige viscous liquid • Ionic character: anionic / non-ionic • Specific gravity (20 °C): approx. 1.1 g/cm³ 	<p>MiQ-UV CEL can be used in padding, impregnation, and dye-bath finishing processes. Considering the reactivity with fiber groups, padding and dye-bath finishing are recommended.</p> <p>Strong ultraviolet resistance</p> <p>Absorbs ultraviolet light, significantly reducing transmittance</p> <p>Good fiber affinity, can be applied together with reactive and acid dyes</p>
MiQ-UV IMM Anti-UV Finishing Agent	<ul style="list-style-type: none"> • Appearance: transparent to light yellow liquid • Ionic character: nonionic • Specific gravity (20 °C): approx. 1.0 g/cm³ • pH value: approx. 6.0–7.0 • Miscible with water in all proportions 	<p>Suitable for dyed or printed textiles of various fiber types under strong sunlight exposure, especially suitable for polyester.</p> <p>Absorbs ultraviolet light and significantly reduces its transmittance</p> <p>Reduces photochemical degradation of fibers</p> <p>Excellent thermal stability and sublimation fastness</p> <p>Does not affect fabric handle</p> <p>Minimal impact on color shade</p>
Alkali Substitute Antree1009	Packaging: 25kg woven bag	<p>Formulated using advanced technology and can be applied in reactive dyeing processes, replacing soda ash.</p> <p>Compared with traditional processes, Antree1009 offers high color yield, better color stability, ease of operation, excellent leveling properties, and a significantly lower COD value in dyeing wastewater, resulting in ideal outcomes.</p>

Silicone Softeners

Introduction: Antree's silicone-based softeners and oils are designed to enhance fabric softness, smoothness, elasticity, and hydrophilicity while maintaining durability and excellent hand feel. Suitable for cotton, wool, silk, blends, and more, they improve abrasion resistance, elasticity, and fabric performance.

*Video available.

a. Non-Yellowing / Basic Silicone Softeners

- Antree 3008 — Non-yellowing Silicone Softener
- Antree 3012 — Amino Silicone Softener
- Antree 3040 — Cotton Amino Silicone Softener
- Antree 3063 — Amino Silicone Oil

b. Super Soft / Elastic Silicone Oils

- Antree 3020 — Super Soft Silicone Softener
- Antree 3025 — Super Smooth Silicone Softener
- Antree 3030 — Flat Silicone Softener
- Antree 3050 — Super Soft Silicone Oil
- Antree 3071 — Elastic Hydrophilic Silicone Oil
- Antree 3073 — Ultra-Soft Hydrophilic Silicone Softener

c. Block Silicone Softeners

- Antree 3033 — Block Silicone Softener
- Antree 3035 — Block Silicone Softener

d. Hydrophilic Silicone Oils

- Antree 3060 — Hydrophilic Silicone Oil
- Antree 3080 — Hydrophilic Silicone Oil for Mercerized Wool
- Antree 3083 — Hydrophilic Silicone Oil for Blended Wool

e. General Softeners

- Antree 3085 — Silk Wool Softener
- Antree 3087 — Blended Wool Softener
- Antree 3088 — Wool Fabric Softener

Functional Finishing Auxiliaries

Introduction: Finishing Agents refer to specialized finishing processes that impart textiles or yarns with enhanced practical properties beyond basic performance. These agents provide a wide

range of functionalities such as anti-wrinkle, anti-shrink, water- and oil-repellency, flame retardancy, antibacterial and deodorizing effects, as well as resistance to mildew, moths, and static electricity. By applying functional finishing agents, textiles achieve improved durability, comfort, and added value to meet diverse application needs.

Product Name	Features	Applications
Non-Yellowing Hydrophilic Softener Antree3010	Nonionic	Hydrophilic, compatible; improves fabric softness; durable and stable; non-yellowing; suitable for direct dyeing.
Amino Silicone Hydrophilic Softener Antree3011	Weak Cationic	Hydrophilic, compatible; imparts silky smooth softness; durable and stable; suitable for direct dyeing.
Super-Smooth Amino Silicone Softener Antree3020	Weak Cationic	Provides super-smooth hand feel, resilience, suitable for T/R fabrics; can be paired with Antree3025 for varied hand feels.
Super-Fluffy Amino Silicone Softener Antree3025	Weak Cationic	Provides fluffy, voluminous, and smooth hand feel; suitable for T/R fabrics; can be paired with Antree3020.
Smooth & Cool Softener Antree3030	Weak Cationic	Gives fabrics smooth, plump, elastic, and cool touch; dry and refreshing; low yellowing; modifiable.
Tencel/Silk Fluffy Softener Antree3033	Weak Cationic	Provides Tencel and silk fabrics with fluffy, plump, and soft hand feel; good permeability; non-sticky; modifiable.
Tencel/Silk Smooth Softener Antree3035	Weak Cationic	Provides Tencel and silk fabrics with smooth, elastic, and cool hand feel; good permeability; non-sticky; modifiable.
Cotton Amino Silicone Softener Antree3040	Weak Cationic	Imparts ultra-softness and fluffiness to cotton/T/C fabrics; uniform absorption; minimal effect on shade.
Super-Soft Amino Silicone Finishing Agent Antree3050	Cationic/Nonionic	Provides ultra-soft, plump, and smooth touch to woven fabrics; particularly suitable for super-soft, suede, and PV fabrics.
Silk Softener Antree3060	<ul style="list-style-type: none"> • Appearance: Pale white semi-transparent emulsion • Solid Content (%): 18.0-20.0 • pH Value (1% aqueous solution): 6.0-8.0 	Provides smooth, soft, and non-yellowing finish; compatible with cationic/nonionic auxiliaries; suitable for silk, rayon, and their blends.

Cationic Smooth & Elastic Softener Antree3063	Cationic	Suitable for polyester, cotton, and blends; imparts smooth and elastic hand feel.
Deepening Agent Antree7070	Cationic	Enhances shade depth of reactive and direct dyes; improves fastness; increases friction resistance and softness.
Super-Smooth High-Concentration Silicone Softener Antree3071	Weak Cationic	High concentration; imparts fabrics with smooth, elastic hand feel; strong affinity to fibers; durable and washable.
Super-Soft High-Concentration Silicone Softener Antree3073	Weak Cationic	High concentration; imparts fabrics with softness, elasticity, and silky smoothness; strong affinity to fibers; durable and washable.
Super-Fluffy High-Concentration Silicone Softener Antree3075	Weak Cationic	High concentration; imparts fluffy, voluminous, plump, and soft hand feel; strong affinity; good permeability; durable.
Wool & Cashmere Smooth Softener Antree3080	Cationic/Nonionic	Imparts softness, smoothness, fluffiness, and elasticity to wool/cashmere; reduces felting and shrinkage.
Wool Blend Smooth Softener Antree3085	Cationic/Nonionic	Imparts softness, smoothness, and elasticity to synthetic/wool blends; durable, smooth, fluffy, elastic.
Cashmere Smooth Softener Antree3088	Cationic/Nonionic	Maintains natural softness of pure cashmere; imparts smoothness, softness, elasticity, and silky feel.

PET Bottle Flake Washing Powder Series

Introduction: The PET Bottle Flake Washing Powder Series is engineered for efficient cleaning of polyester flakes. With strong detergency, rapid penetration, and excellent emulsifying properties, it effectively removes oils and impurities, improving whiteness, brightness, and overall rPET quality.

*Video available.

Product Name	Description	Application & Features
PET Bottle Flake Whitening Washing Powder Antree 3001	Main Components: Inorganic Salts, Surfactants, and Special Additives.	<ul style="list-style-type: none"> • Appearance: Light yellow powder

PET Bottle Flake Whitening Washing Powder Antree 3001A	Performance: Strong detergency, excellent emulsifying and dispersing properties, rapid penetration, and low foaming. It is particularly effective in removing oil and stains from polyester flakes (or plastic fragments). After treatment, the flakes exhibit significant whitening and brightening effects with improved luster, thereby enhancing overall product quality. Packaging: 25kg woven bag	<ul style="list-style-type: none"> • pH Value (1% aqueous solution): 10.0 – 12.0 • Active Content: 100%
PET Bottle Flake Original White Washing Powder Antree 3002		<ul style="list-style-type: none"> • Appearance: White powder
PET Bottle Flake Original White Washing Powder Antree 3002A		<ul style="list-style-type: none"> • pH Value (1% aqueous solution): 10.0 – 12.0 • Active Content: 100%



Down Feather Series

Introduction: The Down Series is specially developed for the processing and finishing of feathers and down. These auxiliaries include detergents, deodorizers, and fluffing agents designed to ensure superior cleanliness, odor control, fluffiness, and elasticity. With advanced surfactant systems and functional additives, the series enhances washing efficiency, improves loft and filling power, provides antistatic and antibacterial effects, and ultimately upgrades the quality and comfort of down products.

Product Name	Features	Applications
Antree Down Detergent	<ul style="list-style-type: none"> • Highly effective surfactants • Nonionic • Colorless, transparent liquid 	Shows outstanding emulsification power. When added to the wash bath, the solution becomes opaque and demonstrates exceptional cleaning performance even in cold water. It is suitable for high-speed washing machines, is hard-water resistant, and shows good compatibility with other chemicals such as down deodorizer. Can be used in both agitator-type and centrifuge-type washer-extractors. Particularly effective on down containing high oil content or embedded wax.
Antree Down Deodorizer	<ul style="list-style-type: none"> • Mixture of heterocyclic chemicals • Colorless, transparent to slightly turbid liquid • Inert ionic 	A specialty deodorizer for down, formulated to remove unwanted odors from feathers. Leaves no residue on feathers after drying; APEO-free and compliant with health and environmental standards/ <ul style="list-style-type: none"> • Hard-water resistant • Low- or zero-foam formulation • Synergistic when used alongside detergents, enhancing overall cleaning performance
Antree Fluffing Agent	<ul style="list-style-type: none"> • Special quaternary 	This product is suitable for various feathers and down, especially recycled down. After treatment, the feathers and down become fluffy and elastic,

	ammonium salt compound • Bluish translucent liquid • Solid Content (105 °C, 3h, %): 7.0 – 10.0 • pH (1% aqueous solution): 9.0-10.0 • Weak cationic	with mild antibacterial effects. When added by spraying in a tumble dryer, it helps loosen clumped fibers, thereby improving the loftiness of the down. • Imparts fluffiness and elastic hand feel to down • Enhances filling power • Very low tendency to generate dust/fly-off • Can be applied directly without dilution • Provides antistatic and antibacterial effects
--	---	--

Basic Chemicals

Product Name	Description	Notes
Anhydrous Sodium Sulfate	By-product of New Energy Production	 
Soda Ash	A basic industrial chemical widely used in glass manufacturing, detergents, soaps, textiles, water treatment, and chemical synthesis.	It serves as a cleaning agent, pH regulator, and raw material in numerous industrial applications.

OEM service is available for **ALL** types of chemical manufacturing.

Packaging

25kg, 50kg Sack, White Plastic PP Woven Chemical Resistances Bag/Jumbo bag for Powder.



50kg, 125kg, 200kg and 1ton for Liquid.



50KG



125KG



200KG



1TON

*Customization available.

Home & Lifestyle Series

Building on Antree's deep expertise in textile and chemical auxiliaries, we collaborate with trusted partners to create **premium** consumer products that combine scientific precision with everyday comfort. By controlling the chemical formulations behind the production process, we ensure superior performance, safety, and quality in every item.

Our portfolio includes:

- **Eco-Friendly Laundry Detergents** – Designed with advanced surfactant technology for powerful cleaning while remaining gentle on fabrics and the environment.
- **100% Mulberry Silk Duvets** – Luxurious, breathable, and naturally hypoallergenic, offering unmatched comfort and long-lasting durability.

With Antree, consumers benefit from products developed on a foundation of chemistry-driven quality assurance, ensuring performance you can trust.

Laundry Detergent Series (OEM service available)



Product	Description
<div><p>Fragrance Wool&Cashmere Laundry Detergent 100ml/300ml</p><p>Product Series:</p><ul style="list-style-type: none">• Fragrance Silk Laundry Detergent• Enzyme Classic Laundry Detergent• Enzyme Lingerie Laundry Detergent• Enzyme Baby Laundry Detergent<div></div></div>	<p>Applicable Scope: Wool, cashmere, silk, wool blends, and similar materials</p> <ul style="list-style-type: none">• Enzyme-Free Biological Additives: Extend the life of wool fabrics. Enzymes can damage the protein fibers in wool; our formula avoids this, unlike many regular laundry detergents that contain enzymes.• Lanolin + Wool Fiber Repair Factors: Nourish wool fibers and repair damaged fibers, giving softness, smoothness, and anti-static properties.• Mild and Skin-Friendly: Added APG natural plant-based surfactants, internationally recognized as safe green surfactants. Commonly used in mid-to-high-end and baby care products. Gentler than amino acid surfactants but just as effective at cleaning without irritating skin. Safe even for sensitive skin.• 99% Antibacterial: Effectively inhibits three common bacteria (<i>Staphylococcus aureus</i>, <i>Escherichia coli</i>, <i>Candida albicans</i>). Test reports available.• Neutral pH Value: Balanced, does not damage wool fibers, does not deform garments, while also protecting hands.• Eco-Safe: “9-Free” additive formula (no fluorescent agents, no heavy metals, no phosphorus, no colorants, no bleach, no formaldehyde-based preservatives, no optical brighteners, no APEOs, no triclosan).• Luxury Fragrance – Maison Margiela “Lazy Weekend”: Infused with premium fragrance essence, reminiscent of freshly washed bed sheets basking in sunlight. Creates a relaxing, free, and soothing atmosphere like enjoying a leisurely weekend.• Gentler than Dry Cleaning: Compared to dry cleaning (where 95% of shops still use tetrachloroethylene, which is irritating,

	somewhat toxic, and harmful to sensitive groups such as infants, pregnant women, and the elderly), this product is safer and better suited for home washing of delicate clothing.
--	---

100% Mulberry Silk Duvet (OEM service available)

Made with **100% top-grade twin cocoon long-strand mulberry silk** filling – resilient, smooth, and naturally durable.

ANTREE x TANXI 檀溪



Covered with **100% royal cotton**, skin-friendly and breathable, featuring exquisite jacquard craftsmanship.



Hand-stitched spot-fixing technique ensures the silk stays evenly distributed without shifting or breaking.

Designed with 8 corner loops to keep the duvet securely in place inside the cover. Inner zipper design allows easy inspection of the silk filling.

All Season Comfort - This all-season silk duvet is luxuriously soft yet lightweight, never bulky like down. Naturally breathable and temperature-regulating, it keeps you warm in winter while preventing overheating in summer. Perfect for year-round comfort.

Exquisite Craftsmanship & Durability - Crafted with precision and care, Antree silk duvets are designed to last for many years. Available in standard sizes, with **custom sizing options** available upon request.

Heath & Sleep Benefits - Quality sleep is the foundation of good health. Mulberry silk is naturally breathable and moisture-wicking, helping regulate body temperature for a deeper, more restful sleep. It minimizes night sweats and creates a balanced sleep environment; warm in winter, cool in summer.

✨ Experience the luxury of silk with Antree x Tanxi — where science meets comfort.

(Our current focus is on **wholesale**, with limited retail operations. We offer comprehensive customization services, including silk quilt dimensions, duvet cover designs, and carrying bag designs for packaging.)