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ABOUT US



At Radiant Chemical Complex, we are more than just a supplier of textile auxiliary chemicals—we are a catalyst for change in the global textile industry. Since our founding in 2017, we have been dedicated to developing eco-friendly, high-efficiency, and cost-effective solutions that not only meet the demands of modern textile production. Our mission is rooted in the belief that innovation and sustainability can go hand in hand, driving progress while safeguarding the planet for future generations.

As a leader in the textile auxiliary sector, we serve a wide range of industries, including Pretreatment, Dyeing, Finishing, Denim Washing, and PSF (Polyester Staple Fiber). With production facilities in Bangladesh and China, we have an annual output of over 20,000 tons, making us one of the most trusted and innovative suppliers in the region. Our success is built on a foundation of cutting-edge research, global expertise, and a deep commitment to the communities we serve.

CERTIFICATIONS





















OUR MISSION

To lead the textile auxiliary chemical industry in innovation and sustainability, delivering high-efficiency, affordable products and services that enhance the quality of life and well-being of people worldwide. We are committed to:





OUR VISION

To be a global leader in the textile chemical industry, driving transformative change through cutting-edge technology, sustainable practices, and a deep commitment to social responsibility. We envision a future where:

Our innovative solutions elevate the textile industry to new heights of efficiency, quality, and environmental stewardship.

We contribute to a healthier planet by reducing the industry's ecological footprint and promoting circular economy principles.



We create thriving communities by fostering inclusive growth, education, and economic opportunities.

We set the benchmark for ethical and sustainable business practices, inspiring others to follow our lead.



Community Empowerment

We uplift communities through education, job creation, and sustainable development that ensures inclusive, long-term growth.

Environmental Stewardship

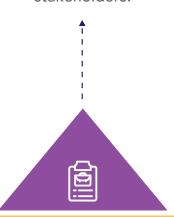
We prioritize eco-friendly practices, reducing our environmental impact to promote a cleaner, greener textile industry.

Economic Excellence

We ensure cost-effective, high-quality solutions that drive growth, efficiency, and long-term value for all stakeholders.







Core Values





We act with honesty, ethics, and openness—building trust through clear communication and accountable business practices.



Collaborative Innovation

We co-create solutions with clients and experts to drive breakthrough innovations in textile chemical technology.



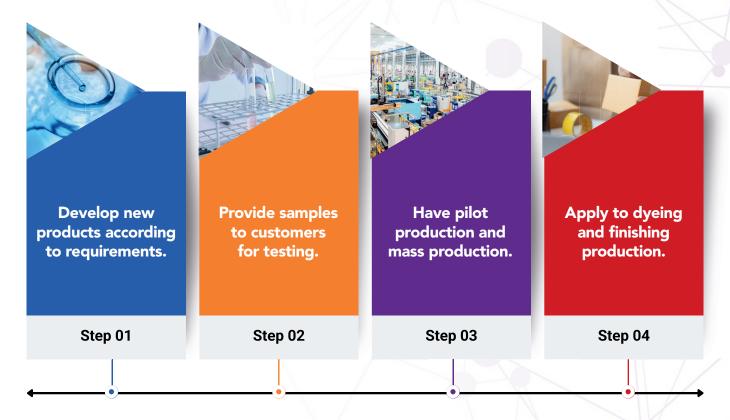
Customer Centricity

We listen closely to clients' needs, delivering tailored, reliable solutions that foster lasting business partnerships.



COOPERATION PROCESS

Research & Development, Manufacturing, Sales, Service for Textile Auxiliaries committed to Textile dyeing, finishing, washing and PSF industries since the very beginning.



CUSTOMIZATION

We can provide customized products to customers. Welcome to send us your sample. We will research, match and develop it for you.

Highly appreciate if you can share samples with us.

- 1. Fabric sample : Please send us two fabrics. (one is untreated and one is of your target effect.)
- 2. Chemical sample for reference.

Please advise your requirements as detailed as possible. With long term of industry experience, we will try our best to provide you suitable item product.



OUR PRODUCT PORTFOLIO: SUSTAINABLE SOLUTIONS FOR EVERY STAGE

At Radiant Chemical Complex, we offer a comprehensive range of textile auxiliary chemicals designed to optimize every stage of textile production. Our products are engineered to deliver superior performance while minimizing environmental impact, ensuring that your business can thrive sustainably.

01

Pretreatment Chemicals

Eco-friendly pretreatment readies fabrics for dyeing using less water and energy, reducing waste and improving quality. 02

Dyeing Auxiliaries

Our advanced dyeing agents deliver vibrant, long-lasting colors with improved uniformity, reduced chemical use, and pollution.

03

Finishing Agents

Silicone softeners and specialty finishes offer softness, durability, and performance—free from harmful substances, ensuring safe textiles.

04

Denim Washing Solutions

Our silicone softeners and finishes enhance softness, durability, and functionality while remaining free from harmful, unsafe substances.

05

PSF Industry Support

Tailored PSF solutions boost fiber strength and consistency, ensuring high performance while promoting sustainability and circular economy practices.

Each of our products is developed with sustainability at its core, aligning with global standards and contributing to a cleaner, greener textile industry.



OUR AUXILIARY CHEMICALS



PRETRATEMENT AUXILIARY SERIES

- > De-sizing Agent
- > Sequestering Agent
- > Detergent & Wetting Agent
- > Multifunctional Scouring Agent
- > Hydrogen peroxide killer
- > Hydrogen peroxide stabilizer
- > Oil removing Agent
- > Anti-foaming Agent
- > Enzyme
- > Core alkali neutralizer/ Green Acid

DYEING AUXILIARY SERIES

- > Levelling Agent
- > Dispersing Agent
- > Anti-creasing Agent
- > Washing Off Agent
- > Fixing Agent
- > Soda Ash Substitute
- > Reduction cleaning Agent
- › Optical brightening Agent

FINISHING AUXILIARY SERIES

- > Cationic softener flakes
- > Non-ionic softener flakes
- > Hydrophilic silicone softener
- > Hydrophobic silicone softener
- > Wicking Finisher
- > Stiffener

WASHING AUXILIARY SERIES

- > Enzyme Series
- > Lycra protector
- > Anti-back staining agent
- > Soda Ash Substitute
- > Core alkali neutralizer/ Green Acid
- > Cationizer
- > Cationic softener
- > Non-ionic softener
- > Anti-ozone softener
- > Anti-creasing agent
- > Detergent & wetting agent

PSF INDUSTRIES AUXILIARY SERIES

- > PET Flakes Washing & Oil Removing Agent
- > Spin Finishing Oil
- > Anti-static Agent
- > Silicone oil







PRETRATEMENT AUXILIARY SERIES





PRODUCT NAME	PROPERTIES/USES
SEQUESTERING AGENT	It removing hardness of water. Sequestering agents combine with calcium and magnesium ions and other heavy metal ions in hard water. Its removing di- and trivalent cations, e.g., Ca++, Mg ++ Cu ++, Fe+++ etc.
	Dispersing & chelating agent for all kinds of fabric.
	Excellent chelating agent having neutral pH.
	Concentrated sequestering having acidic pH.
	Excellent chelating agent having neutral pH powder.

PRODUCT NAME	PROPERTIES/USES
CORE ALKALI NEUTRALISER	An acid buffer having capability to neutralize Core alkali after mercerization of cotton as well as after weight reduction of polyester fabrics. An Acid buffer and core alkali neutralizer after Mercerization of cotton and all type of fabric.
	An acid buffer having capability to neutralize core alkali after mercerization of cotton as well as after weight reduction of polyester fabrics.
	Cost-effective high-performance core alkali neutralizer.

PRODUCT NAME	PROPERTIES/USES
DESIZING AGENT	Amylase based enzymatic De-sizing Agent for cotton. NENOALFA HP is the process of removing the size material from the warp yarns in woven fabrics. Sizing agents are selected on the basis of type of fabric, environmental friendliness, ease of removal, cost considerations, effluent treatment, etc. A highly performance oxidative De-sizing Agent for all types of woven
	fabric.

PRODUCT NAME	PROPERTIES/USES
HYDROGEN PEROXIDE STABILIZER	Stable in hard water, acid or alkali bath, compatible to one-bath treatment with any other anionic, cationic or non-ionic auxiliaries.
	Hydrogen peroxide stabilizer is a formulation of various non-ionic surfactants, it is nitrogen and phosphorus free, with good compatibility and excellent performance.



PRODUCT NAME	PROPERTIES/USES
MULTI- FUNCTIONAL SCOURING AGENT	Multifunctional scouring agent is a high performance of scouring, dispersing, emulsification, and chelating agent which used for pretreatment of cellulose fabrics. It is replacement of sequestering agent, penetrating agent, scouring agent, and hydrogen peroxide stabilizer. It offers a good non-ionic power to remove wax, sizing, cottonseed hull, dirty marks from the fabrics, to improve the brilliance, smoothness, whiteness, and hand feel.
	Multifunctional scouring agent is a high performance of scouring, dispersing, emulsification, and chelating used for pre-treatment of cellulose fabrics, it is replacement of caustic soda, sequestering, penetrating agent, scouring agent, and hydrogen peroxide stabilizer. It offers a good power to remove wax, sizing, cottonseed hull, dirty marks from the fabrics, so that to improve the brilliance, smoothness, whiteness, and hand feel.
	Multifunctional, low foaming wetting & detergent agent with emulsifying and extractive action for mobilizing & removing cotton impurities in pretreatment process.
	Mixture of sequestering, peroxide stabilizer, wetting agent, detergent with emulsifying pre-treatment process.
	Multifunctional active for yarn scouring.

PRODUCT NAME	PROPERTIES/USES
ANTI BACK STAINING AGENT	Specially designed anti-black staining agent for denim processing, which prevents re-deposition and enhances brightness. It is a sustainable solution and hence can be added during the fading step. Powder form.
	Hydrogen peroxide stabilizer is a formulation of various non-ionic surfactants, it is nitrogen and phosphorus free, with good compatibility and excellent performance.
	Cost effective anti-back staining agent designed for better performance during denim processing, helps in anti-redeposit ion and enhances brightness.

PRODUCT NAME	PROPERTIES/USES
HYDROGEN PEROXIDE KILLER	Peroxide killer can effectively remove the hydrogen which stay in fabrics before dying. Totally converts hydrogen peroxide to oxygen and water, and prevent caustic broken effect from hydrogen peroxide to dye accordingly and save water, energy and time.
	An enzyme-based product for killing of residual hydrogen peroxide. Completely removes hydrogen peroxide. Eco-friendly in nature.



PRODUCT NAME	PROPERTIES/USES
DETERGENT & WETTING AGENT	High concentrated, low foam, APEO free, wetting agent & detergent for both exhaust and continuous method.
	High concentrated, low foam, non-cresylic, alkali stable wetting agent, especially suitable for continuous mercerization.
	High power, low foam, APEO free wetting agent.
	Low temperature (75°-80°C) wetting cum scouring agent retain fiber/yarn strength also saves peroxide stabilizer.
	Universal powder detergent especially for laundries. It facilitates to bleach the denim shade.

PRODUCT NAME	PROPERTIES/USES
ENZYME	A high-performance bio polishing enzyme.
	A high concentrated neutral cellulose enzyme.
	A bio-scouring enzyme. It is a eco-friendly product. It removes pectic substance and other impurities effectively, wettability, surface finish and whiteness and benefits following dyeing and finishing process.

PRODUCT NAME	PROPERTIES/USES
I .	A self-mixture of solvents which helps to remove oil and grease stains from textiles. It is an oil removing agent for woven and knit fabric.

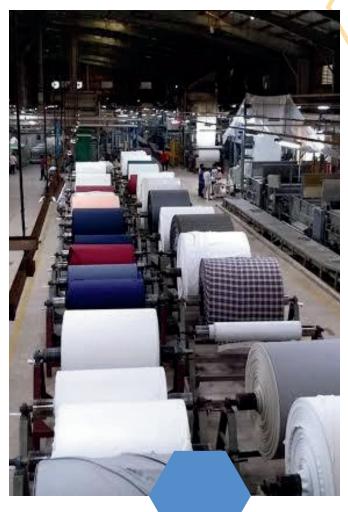
PRODUCT NAME	PROPERTIES/USES
	A spot free silicone based high concentrate defoamer.
ANTIFOAMING AGENT	Very effective non silicone based defoamer.
	Non-lonic silicone antifoam for use in acid and alkaline conditions.







DYEING AUXILIARY SERIES





PRODUCT NAME	PROPERTIES/USES
LEVEING AGENT	An excellent leveling & dispersing agent. It supports uniform color builds up. Free of phthalic acid ester anionic.
	Good levelling power. High dispersing capacity. Resistant to acids, alkalis and hard water salts. Prevents the precipitation of cationic and anionic dyestuffs when applied together. Non-ionic.
	Low-foaming, excellent levelling effects. Suitable for levelling faulty dyeing. Suitable for automatic metering devices. Supports uniform color build-up. Non-ionic.
	For wool dyestuffs good migration capacity. Levels out differences in affinity of different wool qualities. Resistant to hard water. Promotes dye penetration. Low foaming. Non-ionic.
	Versatile levelling agent for dyeing acrylic fibers & fabric with cationic dyes.
	Versatile levelling agent for dyeing acrylic fibers & fabric with cationic dyes.

PRODUCT NAME	PROPERTIES/USES
DISPERSING AGENT	Dispersing agent suitable for all dyestuff classes with protective colloid properties. High dispersing capacity. Levelling effect. High resistance to acids, alkalis and hard water salts. Good temperature resistance. Anionic.
	Oligomer dispersant in the dyeing liquor, for reductive after treatment as well as for post-lubricating PES, Spinning lubricant for PES.

PRODUCT NAME	PROPERTIES/USES
WASHING OFF AGENT	Polymeric compound with protective colloidal & sequestering property. They bind the impurities, prevent re-deposition and improve fastness and give brilliancy on white goods.
	Efficient reactive washing off detergent with special properties to remove silicate from dyed fabrics and gums from printed fabrics.
	Reactive washing off agent in acid medium, thereby reducing one prices of neutralization, leading to saving in utility costs and time.
	A special soaping agent for reactive dyes for dyeing & printing process
	highly effective at 60-70°C.



PRODUCT NAME	PROPERTIES/USES
ANTI CREASE LUBRICANTS	It is a special multifunctional anti-creasing agent, which efficiently reduces the friction between fibers and fibers dyeing tank that prevents creases or scratches, due to its smoothing and softening effects. The main ingredient of anti-creasing agent is special polymer dispersion. Reduces the abrasion of fabrics to dyeing machine metal and fiber to fiber lubrication.
	Imparts fiber to fiber lubrication and anti-cracker marks, prevent roughen dyeing. Low foam, suitable for rapid dyeing and various kind of fabric dyeing bath. Low COD easily to treat the dyeing wastewater.
	Double concentrated form of polymer type anti-crease lubricant for bleaching & dyeing.
	Anti-creasing for the fabric processing in exhaust process in discontinues forms. It prevents the formation of crease during wet processing. Recommended to use in scouring, dyeing and after treatment process. Specially for high GSM fabrics.
	Versatile levelling agent for dyeing acrylic fibers & fabric with cationic dyes.
	Versatile levelling agent for dyeing acrylic fibers & fabric with cationic dyes.

PRODUCT NAME	PROPERTIES/USES
DYE FIXING AGENT	A polyamine based non formaldehyde cationic dye-fixing agent for reactive dyes and direct dyes.
	A cationic dye-fixing agent, with high molecular weight, for fixing of cellulose dyed/printed with direct and reactive.
	Cationic dye fixing agent with no formaldehyde content to improve wash fastness of reactive dyed yarn/fabrics with minimal tone change & effect on light fastness.
	Cationic monomer. It is colorless & transparent liquid, high purity, polymer grade, quaternary ammonium salt & high charge density cationic monomer.
	A highly fixative cationic fixing agent for the improvement of wash fastness properties of reactive dyes on cellulose fabric, yarn and garment. Does not influence the final shade after application, application by exhaust process. Formaldehyde free.
	Versatile levelling agent for dyeing acrylic fibers & fabric with cationic dyes.

PRODUCT NAME	PROPERTIES/USES
	State of the art product replacing both caustic soda and sodium hydro sulphate in reduction clearing. Enables to treat substrate after dyeing in acidic medium thus saving neutralization step which leads to save times, water, power, and labor.
	Four times stronger sodium hydro sulphate substitutes in powder form.



PRODUCT NAME	PROPERTIES/USES
SODA ASH SUBSTITUTE	Highly effective soda ash substitute for fixation of all types of reactive dyes on cellulosic, reducing load on effluent treatment plant due to its lower TDS, BOD and COD.
	Highly effective 10 times concentrated soda ash substitute in powder form for fixation of all types of reactive and Sulphur dyes on cellulosic yarn, fiber and garments.
	Highly effective 4 times concentrated soda ash substitute in powder form for fixation of all types of reactive and Sulphur dyes on cellulosic yarn, fiber and garments. Effect on light fastness.
	Highly effective 6 times concentrated soda ash substitute in powder form for fixation of all types of reactive and Sulphur dyes on cellulosic yarn, fiber and garments. cationic monomer.
	Alkaline donor for the use in reactive dyeing of cellulose. High stability in reactive dyeing temperature giving a complete liberation of alkaline for the dyeing of reactive on cellulose fibers. 1/4-1/5 compared to soda ash light.
	Versatile levelling agent for dyeing acrylic fibers & fabric with cationic dyes.

PRODUCT NAME	PROPERTIES/USES
SPECIAL AUXILIARY SERIES	Powder Form Soaping Agent
	Powder Form Levelling Agent
	Powder Form Anti-Creasing Agent
	Powder Form Anti-Creasing Agent
	Powder Form Hydrogen Peroxide Stabilizer
	Powder Form Hydrogen Peroxide Killer
	Powder Form Dispersing Agent
	Powder Form Sequestering Agent
	Powder Form De-Sizing Agent







FINISHING AUXILIARY SERIES





PRODUCT NAME	PROPERTIES/USES
SILICONE SOFTENERS	A modified micro amino silicone softener with special additives that produce high surface smoothness and a slippery feel.
	High performance hydrophilic silicone softener
	A concentrated micro amino silicone softener in liquid form to impart greater inner softness to all types of substrates.
	Economical micro amino silicone softener to impart greater softness to all types of fabric.
	A macro amino silicone softener for bounciness and surface softness for all kinds of fabrics.
	A micro amino silicone to impart high degree of surface we feel & inner softness to suiting & shirting.
	A micro amino silicone softener with special additives that produce high surface smoothness and a wet feel.
	Imparts fabric with excellent soft handle and good anti-static property.

PRODUCT NAME	PROPERTIES/USES
CATIONIC SOFTENER FLAKES	An economical cold water-soluble cationic softener for imparting extremely fluffy feel along with good durability.
	An economical warm water soluble weakly cationic softener for imparting extremely fluffy feel along with good durability.
	Hydrophilic cationic softener for woven, terry towel and knit to improve absorbency and impart a soft handle. It can be applied by exhaust or padding techniques
	Super hydrophilic 100 percent cationic softener in liquid form.
	An economical cationic softener for fabric and garments.
	An economical non-ionic softener flakes with excellent softness and fluffy feel.
	High performance liquid softener.
	Imparts fabric with excellent soft handle and good anti-static property.

PRODUCT NAME	PROPERTIES/USES
WICKING FINISHER	Polyester derivatives to apply for polyester and nylon compound. Anticrease properties, good durability, high moisture absorption, anticontamination and anti-static to apply for processing treatment during or after dyeing or padding.







DENIM
WASHING/
WASHING
CHEMICAL SERIES





PRODUCT NAME	PROPERTIES/USES
	Green Acid/ Core Alkali Neutralizer
	Cationic Softener Flakes
	Liquid Softener
	Non-ionic Softener
	Anti-back Staining Agent
	Washing Off Agent
	Anti-Phenolic Yellowing Agent
	Bio-polish Enzyme Powder
	SL/ Neutral Enzyme Powder
	Acid Enzyme Powder
	Stone Free Enzyme Powder
DENIM WASHING/	Lycra Protector
WASHING CHEMICAL	Detergent & Wetting Agent
SERIES	Anti-Microbial Agent
	Color Deepening Agent
	Micro Amino Silicone Softener
	Hydrophobic Silicone Softener
	Hydrophilic Silicone Softener
	Stain Removing Agent
	Rubbing Fastness Improver
	Sunlight Fastness Improver
	Fixing Agent
	Cationaizer
	Leveling Agent
	Soda Ash Substitute







PSF INDUSTRIES
CHEMICAL
SERIES





PRODUCT NAME	PROPERTIES/USES
PSF INDUSTRIES CHEMICAL	Washing Off Agent for PET Flakes
	Anti-static Agent
	Spin Finish Oil
	Silicone Oil











OTHER AUXILIARY SERIES



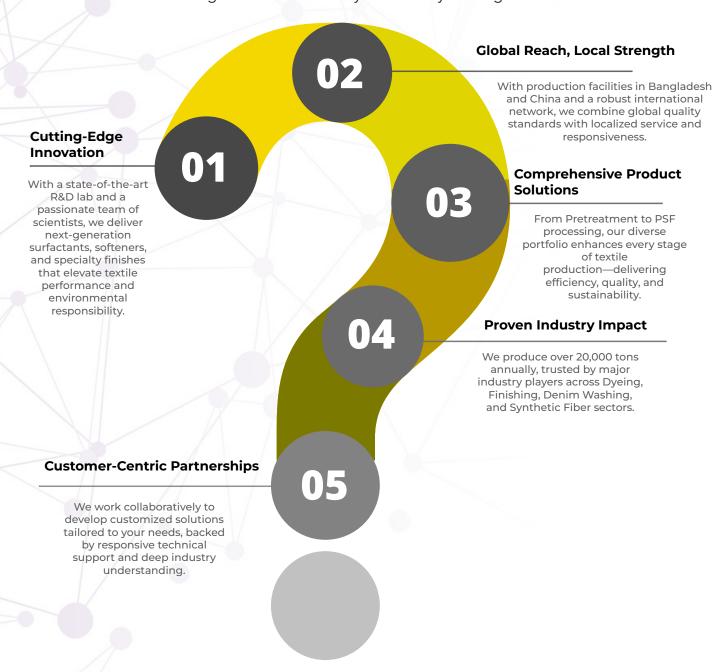


PRODUCT NAME	PROPERTIES/USES
OTHERS AUXILIARY SERIES	Cross Linking Agent
	Eliminating Agent
	Formaldehyde Eliminating Agent
	Water Repellent Agent
	Stiffening Agent
	Anti-Pilling Agent
	Anti-Phenolic Yellowing Agent
	Wax Finishing Agent
	Anti-Static Agent
	Water and Oil Repellents Agent
	Yarn Lubricants
	Lycra Protector
	Anti-Microbial Agent Silver Free
	Anti-Microbial Agent
	Anti-Virus Spray
	Disinfectant Fog Chemical
	Photochromic, Thermochromics & UV Sensitive Pigment
	Color Deepening Agent
	Stain Removing Agent
	Fiber Protective Agent
	Sunlight Fastness Improver
	Perspiration Fastness Improver
	Silicone Spot Remover Agent
	Anti-Migration Agent
	De-Coloring Agent



WHY CHOOSE RADIANT CHEMICAL COMPLEX

At Radiant Chemical Complex, we don't just supply textile chemicals—we drive sustainable transformation across the global textile industry. Here's why leading manufacturers choose us:



Radiant Chemical Complex stands at the forefront of sustainable textile chemistry, offering a unique blend of environmental responsibility, innovation, and performance. With a dedicated R&D lab and global production hubs in Bangladesh and China, we deliver next-generation textile auxiliaries that enhance efficiency, reduce resource consumption, and support circular economy practices. Trusted for our high-volume output, technical support, and eco-conscious formulations, we align our work with the United Nations Sustainable Development Goals—pushing the industry toward a cleaner, smarter, and more equitable future. When you choose Radiant, you choose a partner who empowers progress through chemistry, community, and care.



Engr. Md. Ahmmad Ullah
Founder & CEO

MESSAGE FROM FOUNDER & CEO

Great things in business are never done by one person; they're accomplished by a team united in purpose and passion

Since the inception of Radiant Chemical Complex in 2017, our journey has been guided by a clear vision: to transform the textile industry through innovation, sustainability, excellence. and In an era where environmental responsibility is no longer optional but essential, we have committed ourselves to developing textile auxiliary solutions that are not only high-performing and cost-effective but also environmentally sound.

Our strength lies in our ability to combine deep industry knowledge with forward-thinking research, ensuring that we consistently meet and exceed the evolving needs of our clients. With robust operations in Bangladesh and China, and an annual output of over 20,000 tons, we are proud to be recognized as a trusted partner across sectors like Pretreatment, Dyeing, Finishing, Denim Washing, and Polyester Staple Fiber.

At Radiant, we believe in creating long-term value—for our clients, our communities, and our planet. We remain dedicated to pushing the boundaries of innovation, fostering sustainable growth, and upholding the trust placed in us by our stakeholders.



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