

BIO

For the Ultimate Care
in
Laundry Hygiene

Laundry Chemicals

...a circular Business

A circular business model articulates the logic of how an organisation creates, offers, and delivers value to its broader range of stakeholders while minimising ecological and social costs. A circular business model is an alternative to a traditional linear economy (Make – Consume - Dispose) in which we keep resources in use for as long as possible, extract the maximum value from them whilst in use with utmost care in consumption, then recover and regenerate or ensure products and materials at the end of each service life will not pose any threat to ecology or life. A safe and sustainable laundry business.

The circular model builds economic, natural, and social capital. It is based on three principles

Design out waste and pollution; keep products and materials in use; regenerate natural systems.

A circular economy approach ensures that materials are retained within productive use, in a high value state, for as long as possible.

It focuses on re-shaping business and economic systems so that waste is 'designed out' of how we live.

It can be defined as a laundry business model that creates, delivers, and captures value for all its stakeholders without depleting the natural, economic, and social capital it relies on.

Our views and vows,

- Enhance liveability by providing safe working atmosphere.
- Create opportunities for economic prosperity with safe chemical products.
- Foster environmental responsibility, while providing highly efficient and sustainable laundry chemicals.
- Embrace product design excellence to offer most hygiene laundry and extended fabric life.
- Demonstrate visionary leadership and strong governance providing and incessant dietary of knowledge in the realm of sustainable products and green production practices to the customers, social and governing bodies by periodic training, webinars, literatures.

Sustainable Laundry Practice

"Sustainable laundry production is a practice that attempts to reduce the use of the Earth's natural resources and depleting resources. Practitioners of sustainable laundering often attempt to reduce their carbon footprint by altering methods of chemicals selection, production and process, transportation, energy consumption, and waste generation. The Laundry & linen service industry has a clear opportunity to act differently, pursuing profit and growth while also creating new value for society and therefore for the world economy. The goal of sustainable laundering is to increase the value of production, enhance the cleaning and hygiene, reduce the hazard of chemical exposure, reduce the usage of energy, completely obliterate the usage of REDOX chemicals like chlorine, sodium hydro sulfite, sodium meta bisulfite etc, to prolong the lifecycle of linen & materials, to reduce the amount of waste, and to reduce the harm to the environment. It also aims to educate people to practice environmentally friendly consumption and promoting the concept of "ethical processing". Sustainable laundering resist abysmal processing methods and it utilizes only eco-friendly and qualitative materials.

Green chemistry for clean products

In contrast to non-sustainable and non-renewable stoichiometric chemicals, oxidants with potential risk of exposure to handling storage and transportation, fossil fuel and polymer-based products, inorganic acids, we have introduced green chemistry with highly-efficient (one shot, fewer resources, less waste, less time) and stable under ambient conditions.

This is by the innovation of more eco-friendly microbial enzyme based (platform chemicals) products, synthesized natural organic products and synthetically developed renewable molecule compiled with bio chemicals etc. Green chemistry helps to deal with most of the toxic pollution and exposure hazard of laundering industry.

- Manufacturing toxicity,
- Heavy metals and other xenobiotic elimination.
- Reduction on utilities,
- Not hurting nature
- Prevention of waste formation,
- Create new knowledge pertinent to sustainability.
- Take on both life cycle and functionality-based approach to reduce potential risk throughout the process.

VEGAN PRINCIPLES FOR LAUNDRY

No harmful chemicals, No animal products



Global Vegan Society - U.K

For a product to adhere to 'vegan' principles, there is some agreement that it must not contain any materials which have been derived from, or tested on, animals. In practice, there are multiple materials that contain, or may contain, animal derivatives, and for there to be an assurance that a product is truly 'vegan. Strict control of the supply chain is required to ensure only plant origin and safe chemical product only enters to the system. This a part of our strict practice and resolve to have ethical products and process system. With the growth in veganism looking set to continue, assuring customers that a product is 'vegan' offers the chemical products ward of any animal origin products and cruelty free, safe and sustainable products. Atlantic only offer Vegan products for laundry industry with the strict monitoring and certification of Global vegan society UK.

The chemical products created without having ingredients or packaging materials made from or derived from animals. Products are created without animal testing or having raw materials that are tested on animals. A formulation where we have tried maximum possibilities to include environmentally benign substance. All the products listed are certified and screened by green screen and / or GOTS version 5.0 standards and ZDHC listed.

- Nontoxic and bio degradable.
- Vegan friendly.
- No animal origin products

- No animal tested products
- Completely sustainable and non-pollutants.
- Synthesized or derived from plantwaste or sustainable organic materials.
- Low consumption of energy, finite resources and high productivity oriented.

Animal waste contribute a major source of pollution. This is majorly from waste of animals after processing, Antibiotics and hormones, chemicals from tanneries, fertilizers and pesticides used for feed crops etc.

- Malnourishment in the developing world
- Water scarcity
- Pollution
- Deforestation
- Species extinction
- Land degradation
- Global warming / carbon foot prints.

Livestock contributes up to 51% of all global greenhouse gases. 37% of all methane emission comes from cattle faming. On an average, a dairy cow belches 500lts of methane every day. By avoiding animal based products we can reduce substantial carbon emissions.



Account No: 026505

The raw materials selected for laundry detergents have minimal presence of potentially harmful chemicals with the nature corrosive or strongly irritating substances. Substances classified as known or likely human carcinogens or reproductive toxicants must be obliterated from formulations. Laundry detergents and chemical products devoid of ozone-depleting compounds as listed in Clean Air Act regulations. Ward of all regulated hazardous materials e.g. products classified as hazardous waste, products that trigger OSHA hazard communication requirements etc.

Products contains only renewable resources, such as plant based safe surfactants, bio-based solvents from citrus, seed, vegetable oils, natural perfumes from essential oil etc along with safe organic alkalis.

We aim to replace undesirable ingredients wherever possible with eco-solvents, plant and fermentation extracts, naturally derived sustainable surfactants, naturally occurring non-hazardous bacteria and enzymes. Atlantic care chemicals want our cleaning products not only to be safer for the environment but safer for the end user as well.

The products are with...

- Low VOC content
- Biodegradable by standard methods and definitions, "Ready biodegradability" is a definition meant to ensure that a material degrades relatively quickly in an aquatic aerobic environment
- Low toxicity in aquatic species such as fish or aquatic invertebrates
- Low flammability, e.g. flash point > 200°F
- Designed for use in cold water in order to conserve energy.
- Limit use of synthetic disinfectants in final wash cycle.
- Do not deplete the ozone layer
- Do not contain any phosphates
- Make use of sustainable raw materials
- Are not harmful to environment or individuals
- Much safer to use
- Give excellent cleaning performance

There are a number of ingredients in traditional chemical cleaners which are potentially harmful to human health and to the environment. At Atlantic our ethos is to use simple ingredients that perform well. Careful selection of appropriate raw materials based on their individual criteria allows us to satisfy all our goals in terms of product performance, economics and a lower environmental footprint. Not every ingredient in a formulation can be derived from renewable resources, therefore it is important to select eco-friendlier ingredients as far as possible, in terms of hazard profile, oral and aquatic toxicity etc.

Substituting the most hazardous products used in cleaning products:

- Alkyl phenol ethoxylates
- Chlorine bleach / sodium hypo chlorite
- Diethanolamine (DEA)
- NP6 & NP9
- Petroleum based ingredients
- Phosphates
- Sodium hydroxide
- Inorganic acids.
- Terpenes
- Triclosan
- EDTA



High Performance Powder Laundry Detergents

A unique range of products ward off phosphates, POC, VOC, phosphates and inorganic alkalis. These high-performance products are safe to use, exposure and discharge. Improves the linen appearance, life and resilience.

HIGH PERFORMANCE POWDER LAUNDRY DETERGENTS

ATLANTIC LFD 160 One -shot organic detergent

Low foam one shot powder detergent that breaks up tough stains and boosts performance especially against cosmetic and oily stains. It features a concentrated non petroleum based surfactant with a water conditioning package. Brighten the colours and enhance the whiteness of launders linens.

- No inorganic alkali, phosphates or petroleum surfactants.
- Excellent for hotel linens and towels laundering.
- Works with both oxygen and chlorine bleaches.
- Excellent anti-soil redeposition properties.
- High dose response.

ONLY WHITE Detergent for white loads only

Detergent one-shot for white works with built in bleach, blend of surface-active agents and stain removers. Reduce the wash time in single process. It powerfully removes stains to reduce the need for pre-soaking, pre-spotting and even bleaching. Exclusive freshening system eliminates tough odours, leaving clothes smelling great.

- One bath washing process.
- Excellent white and bright.
- Increased fabric resilience and tensile properties.
- Not recommended for color.
- Low foam and high performance.

BRILLIANT BIO BLEND EXTRA – PREMIUM One shot high performance detergent

It is a powerful 3 in 1 built detergent formulated with superior surfactants, premium water conditioners with chelates and a boosted optical brightening package. Provides premium quality results by breaking down and lifting a wide variety of tough soils including cosmetic and oily soils. It's a high alkaline one-shot detergent with built in alkaline booster and oxygen bleach.

- Built in bleach, detergent and alkaline booster
- Oxy wash formula excellent for towels and linens
- Suitable for domestic clothing and cotton sheets
- Improve the brightness of whites and colors
- One shot formula - crystal detergent

BIO WASH EXTRA PREMIUM Triple active enzyme detergent – premium

Powder enzymatic laundry detergent that contains a blend of surfactants and enzymes for excellent soil removal. Contains water conditioners and sequestrants to maintain and enhance linen whiteness, as well as a fragrance for optimum freshness. Especially effective for blasting body soils, food soils, athletic soils etc. It's specially designed for hospitals, fitness centers, day care, resorts & lodging, churches, nursing homes, athletics, military, etc. Can also be used in home style front and top loading laundry machines.

- Excellent performance
- Safe for all type of colors and white
- Works well with additives and boosters
- Safe and sustainable detergent
- Alluring freshness

Liquid Chemistry

Simply clean and safe

Liquid laundry detergents. | High performance auto dispensable liquid laundry detergents.

Most advanced built detergents lower dosage and target the toughest stains and excel in all water conditions. Highly sustainable formula with premium stain fighting power and eliminates a wide variety of industrial as well as domestic stains. Phosphates free sequestrants offer excellent performance with all type of water conditions and prevent greying or soil redeposition. High fresh wash results with alluring and mild essential oil scent.



BIO SUD EXTRA 100 D

Concentrated liquid detergent and disinfectant for automatic dispensing

Bio SUD extra 100 D is neutral liquid-built detergent that breaks up tough stains and boosts performance especially against cosmetic and oily stains. Very effective, neutral detergent and with QAC disinfectant designed for laundry auto dosing. Excellent stain removal and improve linen life.

- liquid built detergent that breaks up tough stains
- Neutral, safe for all fabrics.
- Tough on oil, cosmetic and food stains.
- Perfect for hotel, hospital and concierge services and domestic garments.
- Multi-Purpose: Breaks up rust, oil, makeup, blood and soiled stains
- Low dosage, high dose response.

BIO DET ULTRA RD

Alkaline high-performance detergent

Low form high action alkaline premium detergent designed for laundry auto dosing and manual wash. Extra stain removing power with built in phosphate free sequestrants, makes it suitable for all water conditions. Special additives to boost cosmetic, oil and food stain removal.

High performance, alkaline, 1-shot, emulsion detergent with Non-ionic surfactants and conditioners. Superior surfactants boost performance in a wide range of wash temperatures and in challenging water conditions like high hardness or high dissolved solids and is effective on both oily and particulate soils.

- Use in a wide range of wash temperatures
- Use in challenging water conditions, like high hardness or high dissolved solids
- Effective on both oily and particulate soils.
- Improve colour brilliance and life of cloth.
- Alluring essential oil scent.

BIO WASH L PREMIUM

Triple action enzyme auto dispensing detergent

Enzyme rich liquid detergent formula suitable for food, oil, blood and cosmetic stains. Excellent for pre-soaking and suitable for auto dispensing.

With its extra powerful triple action enzyme formulae, it easily cleans stain and dirt on fabric. Protects the colours and prevents discoloration. Very effective against blood, starch, grass, processed food, animal and vegetable oils, fruit, tea, ice-cream, baby food, mud, ink, collar and arm dirt.

These extraordinarily complex formula removes dirt, stains, and odours from fabric, and then rinse away without damaging clothes, washer, skin, or the environment.

- Safe and sustainable detergent
- Suitable for all water conditions.
- Enzyme power-boosted formula to fight the toughest stains
- Have been optimized for great performance in all types of machines, including HE.
- Phosphate free sequestrants and chelates.
- Suitable for pre soak and auto dispensing.

BIO TEXWASH PLUS

Neutral, non-ionic, non-enzymatic liquid detergent for pre wash and delicate cloth wash.

Neutral safe liquid detergent with built in anti-dye redeposition agent for manual hand wash and machine delicate wash for the cleaning of wool, silk, synthetic (Abhaya) performance finished (fire retardant, stain repellent, water proofed, wrinkle free, etc. excellent performance with essential oil aroma.

- Anti-dye redeposition agent protects color migrating.
- Safe for synthetic, silk, wool and performance finished clothes.
- Natural and organic product, no synthetic surfactants.
- Highly safe to skin.
- Neutral and enzyme free formula.

DETPINE

Mask, re-usable pads and intimate apparel washing liquid.

High performance neutral disinfectant laundry detergent liquid for the cleaning of masks and intimate apparel. It's specifically formulated with natural surfactants, QAC disinfectant, peppermint natural oil. Highly safe to skin and suitable for all laundry disinfectant purpose.

- Neutral, non-ionic drug licenced detergent gets clothes clean with just small amount but yet achieve excellent cleaning and disinfection effect.
- NSF and Vegan certified product.
- Powerful natural surfactants leave clothes fresh, anti-microbial and clean.
- Plant-based, non-polluting vegan ingredients
- With a high degree of biological decomposition, no residue of chemical substances that can reduce the damage to nature.
- The QAC disinfectant is safe to skin.
- Environmentally safe, breaks down dirt and grime, leaving your clothes spotless and free from any chemical residue.

GREEN WAVE

Premium laundry enzyme detergent for domestic garments

Experience the difference with wave, low suds enzymatic liquid formula that is powerful on tough stains yet gentle on your clothes. It comes with a pleasant fragrance that gives your clothes a lasting freshness so you feel great while wearing them.

- Best friend of your washing machine
- Triple action enzyme formula
- Balanced foam for both front and top loading
- It ensures that your clothes not only look fresh but also smell fresh
- Specially designed for all water conditions
- Colour safe formula protects the clothes from fading

EMULSIFIERS & ALKALINE BOOSTER DETERGENTS

The product ranges to assist laundry detergent as performance booster, to address toughest oil, grease, bugs, food stains, cosmetic stains, mineral oil and carbon stains etc. Each product in these ranges are impeccably designed to enhance washing performance for stain free clothing.

BIO DIRT BUSTER 520

Heavy duty concentrated oil and grease stain remover

Emulsifiers with strong degreasing power developed from selected surfactants and solvents to address stains of organic grease, oil, food soils, tar, salad oils, ball point ink etc, from restaurant linens, uniforms, work wear, domestic garments and other linens.

Bio dirt buster 520 removes heavy oils stains from all types of cotton, blended linen and synthetic fabrics such as polyester, nylon and Perylene. It is a concentrated liquid surfactant booster with multiple surfactants, new generation formula, recommended to use in conjunction with detergents.

- Blended formulation for effective removal of oil & grease from fabric / linen.
- Contains high grade non-ionic solvents & anti redeposition agents etc.
- Removes all the stains and dirt's from the clothes.
- Can apply for all Fabric types, Linen, engineering overalls, chef's uniforms, towels etc.
- High performance and dose response.

BIO ALKALINE BOOSTER

Liquid high alkaline booster and stain removing detergent.

High alkaline liquid detergent and stain remover works well with detergent and oxygen bleaches as a stain booster and detergent extender. Product is proven to be efficient for all soil classification of cotton linens and garments.

It can be used as an independent detergent for towel laundering and linen with food and oil soil. Excellent performance as a stan booster.

- Organic alkali based detergent booster and stain remover.
- Excellent for fatty acid-based soils.
- Caustic free formula.
- Safe to machines and linens.
- Tough on stains.

BIO GREASOL ULTRA 025

solvent based heavy duty spotter and grease, oil, paint and carbon stain remover.

Highly concentrated heavy-duty solvent-based oil and grease pre -spotter and emulsifier. Product is highly recommended for engineering work wear, workshop and food processing uniforms, food and beverage linens etc.

It is particularly effective for the use on laundries having oil, grease, tar, bugs, paint, salad oil, ball point ink etc. suitable for auto and manual dispensing.

- Highly concentrated.
- Excellent pre spotter.
- Strong oil and graze emulsifier.
- Work will with detergents in one bath.
- High performance and concentrated formula.
- Low dosage.

BIO DIGESTER LPS

Blood & protein stain digester

Bacteria Enzyme Digester contains selected strains of enzymes to break down organic waste, body fluid and blood stains from the linen and clothes. Also contains our proprietary odour counteractant for effective odour removal.

- This extremely safe for blood and proteinaceous soils.

BIO MOUL EM

Surfactant based emulsifier and oil stain remover

BIO MOUL EM is developed from organic solvents and surfactants from biological sources for the removal of oil and food stains from linens. It can also remove body oils and cosmetic stains. Safe to wash performance finished clothing.

- Hypoallergenic and skin friendly product.
- Emulsifier and food stain remover.
- Safe for all colourfast washables and works in all temperatures
- Built in water softeners and anti-re-deposition agents.
- Biodegradable and natural product.

BIO BREAK

High alkaline powder break detergent and stain remover.

Premium performance high alkaline stain booster and break detergent. Excellent for heavy soiled formula as a detergent extender and soil remover.

It can also use as independent detergent for cotton linens and garments. Economical and caustic free formula.

- Organic alkali based detergent booster and stain remover.
- Excellent for fatty acid-based soils.
- Caustic free formula.
- Safe to machines and linens.
- Tough on stains.

BIO DE OIL

Aged blood stains, soap scum and lime, massage oil and metallic stain remover

Unique bled of organic acids, selected surfactants and additives used for the removal of lime soap deposition, rust stains and dye stains, stubborn blood, oil stains and paint marks form linens. Can be used as a pre washing agent or spotter. A post washing is must with an alkaline detergent to ensure pH 6.5 for the finished cloth.

- Massage oil stain remover.
- Lime deposit and soap scum remover.
- Metallic stain remover.
- Organic acid and natural surfactants.
- Spotting agent for metallic stains.

BIO DE RUST

Rust removing detergent

A concentrated liquid for the removal of rust and metallic stains from the garments and textiles. It can instantly remove the stains either by spotting or dosing automatically to the bath. it can also remove efficiently the lime scale and soap scum from the fabric surface to prevent greying.

- Effectively neutralize residual alkalinity in rinse water and on fabric.
- Metallic stain remover.
- It's superior rust and stain removal characteristics reduce the need for special fabric treatments.
- It eliminates fabric discolouration and prevents yellowing of fabric.

BLEACHES AND DISINFECTANTS FOR LAUNDRY



Bleaches are solid and liquid laundry stain removers and sanitizer formulated to retain bleaching power and sanitize linen at the right dosage. our products provide excellent bleaching and preserves linen strength and integrity. Helps lower overall linen replacement costs. Oxygen bleaches with enzymes and activators are suited for the de-staining and disinfection of both white and coloured linens. The organic chlorine carriers are the most stable bleaches for the whites with controlled release and stable action.

Both bleach solutions exhibit sporicidal activity, are tuberculocidal, inactivate vegetative bacteria, and are fungicidal and viricidal.

The oxygen bleaches are much safe and sustainable option. Its performance is enhanced with accelerators and enzymes for better stain digestion and colour oxidation.

BIO CHLOR L

Liquid stabilized laundry de-stainer & disinfectant

Laundry de-stainer concentrated chlorinated bleach provides fast bleaching action, removes difficult stains on white linen. Restores natural whiteness to fabrics and eliminates dull and dingy build-up. This product is not for use as a laundry sanitizer.

- A stabilized hypochlorite-based stain remover
- Phosphate free
- Use only on white linen
- Will work in all water temperatures but performance will be compromised below 40°C

BIO BRIGHT OXY L

Liquid oxygen bleach for automatic dosing

Peroxide based stable oxygen bleach suitable for auto dispensing and works well with all type of machines. Effectively removes stains from all coloured and white linens. Most of the oxidizable food stains, dye stains CHG stains can be removed with BIO BRIGHT OXY L, protect the linen life.

- Stabilized peroxide bleaching agent.
- Suitable for all oxidizable stains.
- Removed betadine and choro hexedine gluconate stains.
- Safe for both coloured and white linens.
- Excellent disinfectant and viricidal agent.

AQUA CHLOR

Thickened HOCl de-stainer and disinfectant

Efficiently removes stains on all washable fabrics. Helps prolong life by minimizing tensile strength loss due to chlorine retention. Extra fresh lavender oil.

Chlorine laundry detergent is a commercial-grade liquid concentrate laundry soap specially designed to whiten towels, sheets, linens and clothes. It brightens the line and improve longevity.

Top Users: Hospitals, nursing homes, day care, fitness centers, surgical centers, doctors' offices, dental offices, restaurants, catering, churches, universities, schools, fire departments, resorts, hotels, military, etc.

BIO SUPERCHLOR

Laundry organic dry chlorine bleach

BIO SUPERCHLOR is a laundry dry bleach, convenient to store and safe to use. When this product is dissolved in water, hypochlorous acid is formed. Since this dry bleach is blended with suitable alkaline buffer, the hypochlorous acid formed is converted by neutralization to hypochlorite, the oxidizing agent found in other chlorine bleaches. The hypochlorite is formed gradually as the organic bleach decomposes.

- Organic based bleach
- Very safe for white textiles
- Buffered for water hardness and metal chelating
- Improves the whiteness and reduces lint loss
- Excellent stability on storage
- Thermal decomposition resistant

BIO BRIGHT O₂

Enzymatic powder oxygen bleach

A technically advance vegetable based concentrated enzymatic powder, freshly scented with essential oils, solubilize oily and greasy stains from all kind of fabric and garments. Its ideal for coloured and white works when used in conjunction with detergent from organic range.

- Natural and safe to use
- Effective in all type of fabrics and garments
- Removes tough dye stains
- Excellent in white and coloured linens
- Bactericidal, fungicidal, virucidal

BLEACHES
&
DISINFECTANTS
FOR LAUNDRY

LAUNDRY SOUR, RUST AND METAL STAIN REMOVING DETERGENTS



High performance alkali/ bicarbonate neutralizers and rust and metallic stain removers.

These concentrated laundry sour and iron controlling agent formulated to work effectively in a wide range of laundry wash conditions. Adjusts the pH of the linens to minimize the potential for skin irritation by dissolving residual water hardness. Helps to prevent staining and greying. These phosphate free formulas are wad off any phosphates, inorganic acids etc.

BIO SOUR L

Laundry sour and metal stain remover

Bio Sour L is a concentrated organic acid finishing agent for use in industrial, institutional and commercial laundries where washing machines are supplied by Automatic Liquid Detergent feed system or manual dosing system. A specially built bio carbonate neutralizer, metal chelates and disinfectant. BIO SOUR L is added to the final rinse to neutralise any traces of alkalinity in the fabrics. By restoring pH to the correct level, the washed articles are conditioned for the finishing process such as drying and ironing. pH control is especially important in preventing rolling in the flatwork ironer. Also, LAUNDRY SOUR prevents the possibility of residual alkalinity in the garments from causing reactions in people with sensitive skin. LAUNDRY SOUR is suitable for use on all fabrics and both whites and colours.

- Neutralize and brighten fabric.
- Is able to suspend soils, thereby facilitating the rinse action
- Non-foaming
- Gentle on fabrics
- Adjusts the pH of the linen surface to a range 5.5-6.0 to prevent irritation to the skin.
- Excellent product to remove rust and iron stains from laundry

BIO SOUR PLUS

Chlorine and alkali neutralizer one shot powder product

organic salts, which neutralize and controls any residual chlorine, soap, detergents, metal stains, alkali that may left in the wash load. bio sour plus is a premier laundry souring and antichlor agent for controlling high iron and hard water conditions. it's will help to solve result issues from high iron or hard water conditions. safe and efficient product can eb used in combination with fabric conditioners also.

- High performance powder antichlor and sour.
- Effective in controlling high-iron and hard water conditions
- Brighten the linen
- Effective for removing rust stains from linen
- Prevent storage yellowing of lines.

BIO DE RUST

Rust and metallic stain removing liquid detergent.

Heavy-duty rust stain remover liquid is specifically formulated to easily rinse away the toughest rust stains, eliminating the need for scrubbing. This multi-purpose and versatile auto dosing liquid is perfect for use in removing rust and metallic stains from laundry, water softener maintenance and many more applications in and around the factory.. Ideal for geographic regions with hard water with high iron content. the product is excellent for pre spotting metallic stains.

- High performance chelating and rust removing agent.
- Excellent for hard water containing high iron content.
- Prevent greying of linen.
- Excellent rust pre spotter.
- Can be used as direct detergent, must be followed by alkaline washing.

LAUNDRY SOUR, RUST AND METAL STAIN REMOVING DETERGENTS



Fabric Sizing Agents

- Crisp and Paper Finish
- Extra freshness
- High strength retention
- Soil release finish

General application laundry starch which imparts more body and a crisper feel to linens. Features a low viscosity blend of natural and synthetic size. These are commercial-grade professional laundry starch with auto dispensable viscosity blend of synthetic and starch sizing. A general application starch imparts more body and a crisper feel to linens

These finishes are recommended for Resorts & hotels, hospitals, nursing homes, catering ,fitness centres, universities, restaurants hospitality, country clubs, etc. Ideal on beverage napkins, tablecloths, linens, clothes, towels, sheets, etc

FABRIC SIZING AGENTS CRISP AND PAPER FINISH EXTRA FRESHNESS.

BIO SIZE L

Concentrated liquid laundry starch

Ideal for adding stiffness to table linen fabrics. Auto-dosed laundry liquid. The products provide stiffens and body to cotton, linen, polyester and blended fabrics. excellent for poly – coat fabric makes it firm and flexible. gives extra freshness and streak free finishes.

- Free flow liquid for auto dosing.
- Get streak free firm and flexible finishes.
- Extra freshness.
- Improves body and strength of linen.
- Increase the life of line.
- Excellent ironing qualities.

UNIPRESS SPRAY

Premium luxury Starch spray

Faultless starch iron spray for clothes irons out all the hassles of ironing. This iron spray for clothes speeds up ironing by giving a soft, smooth and pliable surface to work on.

This laundry finishing spray's non-stick formula prevents fabrics from dragging and clinging to iron, letting it glide over the surface fast and easy. This professional starch produces a wrinkle-free quality without the stiffness, free of flakes and residue.

This ironing spray is great for curtains, sheets and even linen kitchen cloths to create that crisp finished look. And beside ironing, this fabric starch spray can be used for crafts. This ironing spray is non-clogging, non-flaking and leaves no residue behind. This easy to use laundry spray relaxes stubborn wrinkles, giving your clothing a crisp and pressed finish.

- Luxury finish and freshness.
- Reduces ironing time and non-sticking or non-clogging.
- Wrinkle free quality.
- Highly flexible finish.

UNIPRESS

Premium luxury Starch

Premium luxury starch for ironing that makes the clothes new again,. It reduces ironing time with no flaking, sticking or clogging. This laundry finishing starch is a non-stick formula prevents fabrics from dragging and clinging to iron, letting it glide over the surface fast and easy. UNIPRESS professional starch produces a wrinkle-free quality without the stiffness, free of flakes and residue.

Not just for clothes, UNIPRESS is great for curtains, sheets and even linen kitchen cloths to create that crisp finished look. And beside ironing, this fabric starch can be used for crafts.

- Luxury finish and freshness.
- Reduces ironing time and non-sticking or non-clogging.
- Wrinkle free quality.
- Highly flexible finish.
- Extra smooth and glide free crisp finish.

BIO SIZE

Wheat starch powder for dry dosing and dosing from stock solution.

BIO SIZE is a wheat-based starch, a natural product. This product has a small average particle size and can be cooked for making a stock solution. The particle can penetrate well in to fabric and offer crisp finishes. Product contains a high proportion of amylopectin and therefore has high cohesiveness and forms good films. High amylopectin starches are also suitable for preparation of stable stock solutions. The wheat starch film on the fibres will act as a protective layer, thus restricting penetration of soil into the fibres.

- Excellent crisp finish.
- Add extra body and soil protection.
- Increase the life of linen.
- Streak free finishes.
- Natural and easy cook starch.

LAUNDRY CONDITIONERS

Modified softeners from Poly hydric alcohol derived from bio waste.



Vegan softeners are aqueous stable, highly viscous garment softening compositions comprising fabric softener active and poly hydric alcohol polymer in the continuous aqueous phase to provide improved softening. These amphoteric polymers provide additional benefits such as dye transfer inhibition, chlorine scavenging to protect fabrics, cotton soil release benefits, hydrophilicity, anti-static property and fast drying. These products form a cross linked film and shows excellent hydrophilicity and non-yellowing property. Atlantic offers wide range of products partially cationic for the surface modification of cellulosic and semi cellulosic laundry, linens and garments. These are all absolute innovations in organic chemistry with all international lab accreditations.

LAUNDRY CONDITIONERS

BIO SOFT TROPICAL BREEZE

luxury perfumed non yellowing fabric conditioner

Luxury perfumed fabric softener and neutralizer, hydrophilic to reduce drying time and wrinkling. it also enhances ironing and tensile strength, lubricity, softness and anti-static properties.

- Vegan soft.
- Anti-static
- Enhance tensile strength and antistatic properties.
- Hydrophilic and fast drying.
- Non- yellowing at high temp.



Vegan softeners

EXOTICA

Perfumed non yellowing fabric conditioner

Perfumed fabric softener and neutralizer, hydrophilic to reduce drying time and wrinkling. it also enhances ironing and tensile strength, lubricity, softness and anti-static properties.

- Vegan soft.
- Anti-static
- Enhance tensile strength and antistatic properties.
- Hydrophilic and fast drying.
- Non- yellowing at high temp.



Vegan softeners

ORIENTAL SILK

Extra soft and silk hand modified textile enhancer.

silk soft perfumed fabric enhancer and neutralizer, hydrophilic to reduce drying time and wrinkling. it also enhances ironing and tensile strength, lubricity, softness and anti-static properties.

- Silk soft
- Anti-static
- Enhance tensile strength and antistatic properties.
- Hydrophilic and fast drying.
- Non- yellowing at high temp.



Vegan softeners

BIO SILKSOFT

Extra soft non perfumed and silk hand modified emollient textile enhancer.

silk soft perfumed fabric enhancer and neutralizer, hydrophilic to reduce drying time and wrinkling. it also enhances ironing and tensile strength, lubricity, softness and anti-static properties.

- Silk soft
- Anti-static
- Enhance tensile strength and antistatic properties.
- Hydrophilic and fast drying.
- Non- yellowing at high temp.



Vegan softeners

Microbail durable finishes with

- More comfort
- Easy care
- Personal and environmental health
- High durability
- Ease of application
- Extra soft
- Metal free

Product Chemistry

Quaternary ammonium salt in silane and hexylene glycol (Organo silane quat).

Quaternary ammonium compounds (commonly known as quats or QACs) are cationic surfactants (surface active agents) that combine bactericidal and virucidal activity.

Methyl benzethonium chloride (MBC) is the active ingredient.

Excipients are there to enhance the antimicrobial property and support the binding and finish property.

Anti Microbial Finish

- Fungicidal
- Algicidal
- Bactericidal
- Virucidal



SUSTAINABILITY, A WING TO SURGE IN LAUNDRY BUSINESS.

CELLO ECHO ZAN BK

Anti microbial finish

35 wash durability for anti viral & anti bacteria.
Durability to washing, dry cleaning and hot pressing.
Selective activity to undesirable microorganisms.
Should not produce harmful effects to the manufacturer and user .
Environmental support
Should comply with the statutory requirements of regulating agencies.
Compatibility with the chemical processes.
Easy method of application.
No deterioration of fabric quality.
Vegan & NSF certified product.

Certifications

NSF, Vegan.



BIO SOFT PLUS

Anti microbial emmolient softener

Bactericidal, Fungicidal, Virucidal, Yeasticidal, Mildewcidal

Biosoft plus is a specially developed moulds and microbes inhibitor softener to prevent the malodour from packed garments, developed due to the microbial growth. Also this product will work as an excellent disinfectant for hospital linens based on the dosage recommendation given for inhibitory concentration of selected pathogens. These micro-organisms can grow on any garments/ linens where warm, damp, humid, dark and with less air circulation.

Certifications

Vegan



BIO D 50

QAC based Laundry and terminal disinfectant.

BIO D - 50 is a highly effective QAC based disinfectant designed for the disinfection of laundry linen and all type of hard surfaces. This product shows excellent disinfection properties for infected linen in laundry, floor disinfection in food, beverage and dairy industries etc. High disinfectant properties against most of the vegetative forms of microorganisms' gram positive and gram negative bacteria, yeasts, molds and algae. Bio D-50 will disinfect hospital linens by effectively reacting against all kind of microbes which can potentially incriminate by contamination and can create infection risks, mal odors and stains. BIO D-50 also can be recommended for open floor disinfection after cleaning process.

- Cationic, QAC based disinfectant.
- Excellent germicidal property on both laundry and open floor application.
- Germicidal activity against almost all pathogens.
- Non corrosive
- Non tainting and non-staining on contact surfaces.
- Specially recommended for food processing industry.
- Effective in both soft and hard water.

100 % Green & Sustainable

Laundry products form Atlantic

There are a number of ingredients in traditional chemical cleaners which are potentially harmful to human health and to the environment. At Atlantic our ethos is to use simple ingredients that perform well. Careful selection of appropriate raw materials based on their individual criteria allows us to satisfy all our goals in terms of product performance, economics and a lower environmental footprint. Not every ingredient in a formulation can be derived from renewable resources, therefore it is important to select eco-friendlier ingredients as far as possible, in terms of hazard profile, oral and aquatic toxicity etc.

We aim to replace undesirable ingredients wherever possible with eco-solvents, plant and fermentation extracts, naturally derived sustainable surfactants, naturally occurring non-hazardous bacteria and enzymes. Atlantic care chemicals want our cleaning products not only to be safer for the environment but also safer for the end user as well.

Substituting the most hazardous products used in cleaning products:

- Alkyl phenol ethoxilates
- Chlorine bleach / sodium hypo chlorite
- Diethanolamine (DEA)
- Glycol ethers
- NP6 & NP9
- Petroleum based ingredients
- Phosphates
- Sodium hydroxide
- Terpenes
- Triclosan
- EDTA
- STPP

Certified Green Products

Screen chemistry - Tox FMD Washington-USA

- Do not deplete the ozone layer
- Non flammable
- Do not contain any phosphates
- Make use of sustainable raw materials
- Are not harmful to environment or individuals
- Much safer to use
- Give excellent cleaning performance.

All the product range listed are screened for the Persistence (P), Aquatic Toxicity (AA), Carcinogenicity (C), Acute mammalian Toxicity (AT), Bio accumulation (B), Chronic Aquatic Toxicity (CA), Mutagenicity & Genotoxicity (M), Systemic Toxicity & Organ Effects (incl. immunotoxicity) (ST), Flammability (F), Reactivity (Rx), Neurotoxicity (N), Reproductive toxicity (R), Developmental Toxicity (incl. developmental Neurotoxicity) (D), Sensitization (SnS), Endocrine Activity (E), Respiratory Sensitization (SnR), Skin irritation (Irs), Eye irritation (IrE) etc.

Product Certifications



GREEN DETERGENTS

AELEX PW 106 - GOTS - V-5.0

Lite crystal powder detergent

100% organic, green powder detergent for industrial laundry application. Its blended with natural cleaning agents and free from caustic and other inorganic alkali, phosphates and phosphonates or any synthetic or petroleum based surfactants. This nature based formula is certified by GOTS version 5, Green screen and ZDHC, hypo allergic and safe exposure but really hard on tough stains.

- Highly efficient cleaning, removes most of the primary and secondary soils.
- Safe to all colours and clean with brighter looks.
- Removes tough stains easily.
- Safe to skin, exposure & discharge.
- Remove ketchup, chocolate and curry stains.
- Safe to discharge to bio based water treatment plants.
- Superior whiteness retention, soil anti redeposition in hard water.

Certifications

Screen Chemistry, ZDHC, Vegan, US EPA Safer Choice programme.

Hazard Classifications for Chemicals Present in the Aeltex PW 106, TOX Lab Washington, DC



SCIL Full Green Circle (97%)
GreenScreen Benchmark U (3%)



Impact to Environment - Green - 1
Impact to Wokers - Green - 1

BIO LITE CRYSTAL

Green - organic citric acid powder detergent

Bio lite crystal is a 100% organic citric acid detergent contains no harsh chemicals and cleans clothes with natural ingredients. It's a bay safe, caustic, acid and phosphate free, eco friendly non toxic detergent highly safe to use on colours. Safe for all type of fabric and recommended both manual and machine wash. The product is free from synthetic perfume and with natural essential oil aroma.

- Natural and safe to use.
- Effective in all type of fabrics and garments.
- Excellent in white and coloured linens.
- Hand wash for delicate garments in silk, wool and synthetics.
- Safe to skin.

Certifications

GOTS, Vegan, EIM Score.



Impact to Environment - Green - 1
Impact to Wokers - Green - 1

BIO GRUN

100% sustainable powder detergent

Eco-friendly, 100% sustainable GREEN SCREEN CERTIFIED laundry powder detergent developed with safe surfactants and green ingredients.

- Highly efficient cleaning, removes most of the primary soils.
- Safe to all colours and clean with brighter looks.
- Removes tough stains easily.
- Safe to skin, exposure & discharge.
- Remove ketchup, chocolate and curry stains.

Certifications

Screen Chemistry, ZDHC, Vegan, US EPA Safer Choice programme, EIM score, GOTS.

Hazard Classifications for Chemicals Present in the Bio Grun, TOX Lab Washington, DC



SCIL Full Green Circle (100%)

AQUAGENE P 101

100% sustainable auto dispensive liquid detergent

Eco-friendly, 100% sustainable GREEN SCREEN CERTIFIED laundry liquid detergent developed with safe surfactants and green ingredients for auto dispensing.

- Well designed for mechanical dispensing.
- Neutral detergent safe for all fibres.
- Safe to all colours and clean with brighter looks.
- Removes tough stains easily.
- Safe to skin, exposure & discharge.

Certifications

GOTS, Screen Chemistry, ZDHC, Vegan, US EPA Safer Choice programme, EIM Score.

Hazard Classifications for Chemicals Present in the Aqua gene P 101, TOX Lab Washington, DC



SCIL Full Green Circle (88%)
GreenScreen Benchmark 2 (5%)
GreenScreen Benchmark U (7%)



Impact to Environment - Green - 1
Impact to Wokers - Yellow - 2

BIO GUARD - LEMON ESSENTIAL OIL DETERGENT

Neutral, non-ionic, non-enzymatic liquid lemon detergent for pre wash and delicate cloth wash.

Neutral safe liquid detergent with built in anti -dye redeposition agent for manual hand wash and machine delicate wash for the cleaning of wool, silk, synthetic (Abhaya) performance finished (fire retardant, stain repellent, water proofed, wrinkle free, etc. excellent performance with lemon essential oil.

- Anti-dye redeposition agent protects color migrating.
- Safe for synthetic, silk, wool and performance finished clothes.
- Natural and organic product, no synthetic surfactants.
- Highly safe to skin.
- Neutral and enzyme free formula.

Certifications
NSF, Vegan.



BIO NOVO ANTISTAIN PC

Detergent oil and grease emulsifier & anti redeposition agent

A technically advanced vegetable based concentrated powder emulsifier, freshly scented with essential oils, solubilize oily and greasy stains from all kind of fabric and garments. Its ideal for coloured and whiteworks when used in conjunction with detergent from organic range.

- Natural and safe to use.
- Effective in all type of fabrics and garments.
- Removes tough grease and oil stains.
- Excellent in white and coloured linens.
- Hand wash for delicate garments in silk, wool and synthetics.

Certifications

Screen Chemistry, ZDHC, US EPA Safer Choice programe, EIM Score.

Hazard Classifications for Chemicals Present in the Bio Novo Antistain PC, TOX Lab Washington, DC



BIO NOVOFAD E CONTROL L

Safe Alkali booster liquid for auto dosing

Very effective alkaline booster and stain remover. A detergent extender which is green and extremely safe for garments. It is very safe for white and coloured clothes and can be used in the break bath for heavily soiled cotton wash formula which contain fatty acid based soils.

- Improve the stain removing efficiency of detergents
- Safe and organic process.
- Used to support Novofade Active for replacing chlorine in the laundering.
- High strength retention
- Easy one shot process.

Certifications

Screen Chemistry, ZDHC, Vegan, US EPA Safer Choice programe, EIM Score.

Hazard Classifications for Chemicals Present in the Bio Novofade control, TOX Lab Washington, DC



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- High strength retention
- Easy one shot process.

Certifications

Screen Chemistry, ZDHC, Vegan, US EPA Safer Choice programe, EIM Score.

Hazard Classifications for Chemicals Present in the Bio Novofade control, TOX Lab Washington, DC



BIO BRIGHT O₂ Enzymatic oxygen bleach & disinfectant - Powder

This is an enzymatic stain removing agent activated by enzymes enable it to works well in low temperature. Its used for the safe and efficient stain removal for all coloured and white washable fabrics. This will improve the whiteness of white and brightness of coloured fabric. Extremely safe to fabric and prevent the yellowing of resin treated fabric.

- Improve the stain removal and eliminate the dulling effect of textiles.
- Enzymatic process supports quick stain removal action.
- The organic activators (TAED) enhance the stain removal of both hydro phobic and hydrophilic stains at low temperature.
- Most effective in all type of detergents.
- Biological and 100% organic stain removal formula.

Certifications

Screen Chemistry, ZDHC, US EPA Safer Choice programe, EIM Score.

Hazard Classifications for Chemicals Present in the Novo Bio Bright O₂, TOX Lab Washington, DC



SCIL Full Green Circle (100.00%)



Impact to Environment - Green - 1
Impact to Wrokers - Yellow - 2

BIO BRIGHT O₂ Enzymatic oxygen bleach & disinfectant - Liquid

This is an enzymatic stain removing agent activated by enzymes enable it to works well in low temperature. Its used for the safe and efficient stain removal for all coloured and white washable fabrics. This will improve the whiteness of white and brightness of coloured fabric. Extremely safe to fabric and prevent the yellowing of resin treated fabric.

- Improve the stain removal and eliminate the dulling effect of textiles.
- Enzymatic process supports quick stain removal action.
- The organic activators (TAED) enhance the stain removal of both hydro phobic and hydrophilic stains at low temperature.
- Most effective in all type of detergents.
- Biological and 100% organic stain removal formula.

Certifications

Screen Chemistry, ZDHC, US EPA Safer Choice programe, EIM Score.

Hazard Classifications for Chemicals Present in the Novo Bio Bright O₂, TOX Lab Washington, DC



SCIL Full Green Circle (100.00%)



Impact to Environment - Green - 1
Impact to Wrokers - Yellow - 2

BIO NOVOFADe ACTIVE Enzymatic chlorine bleach replacement and stain remover

This is an enzymatic replacement of hydrogen peroxide & chlorine in lundry application. The enzymes used are native species without genetically modified and immobilized for performance boosting. Product is catalyzed by organic agent to enhance activity at lower temperature.

- During the process of peroxide and alkaline booster treatment, at high temperature the intra and inter molecular hydrogen bridges of the cellulose are cleaved due the extreme process condition and the polar group of the polysaccharides are solvated. As caustic peroxide works on swelling mechanism and attacks the secondary cell wall, strength loss is high which also results in decrease in tensile as well as tear strength of the treated garments. Also, there is more yarn hairiness on garments which potentially spoil the appearance. Most of the bitter pills associated with the conventional laundering can be eliminated with this.
- Novofade Active with Control can completely replace chlorine usage.
- This process the garment metal fasteners like zipper, buttons are well protected, prevent the metal fasteners from getting oxidised and lose of appearance.
- Replace completely the usage of chlorine and peroxide make the process easy and consistent.
- High strength retention.

Certifications

Screen Chemistry, ZDHC, Vegan, US EPA Safer Choice programe, EIM Score.

Hazard Classifications for Chemicals Present in the Bio Novofade active, TOX Lab Washington, DC



EPA SCIL Full Green Circle (100%)



Impact to Environment - Green - 1
Impact to Wrokers - Yellow - 2

laundry sour and rust and metal stain removing detergents

BIO WHEAT ACID

Laundry rust remover sour

WHEAT ACID is a 100% organic plant derived safest Liquid Laundry Sour and Rust Remover specially designed to neutralize the alkaline residues of detergents, water hardness minerals, and iron in the rinse cycle of laundry programs. It can be used in any type of automatic laundry chemical feeding system. It prevents fabric harshness, excess wear and browning during ironing. It will also eliminate iron stains for superior laundry results.

- High rust removing efficiency.
- Improve chemical efficiency.
- Avoids discolouration of laundered materials.
- Avoids hard water stains.
- Remove metal oxides and stains from fabric.

Certifications

Screen Chemistry, ZDHC, Vegan, EIM Score.

Hazard Classifications for Chemicals Present in the Wheat Acid, TOX Lab Washington, DC



EPA SCIL Full Green Circle (100%)



Impact to Environment - Green - 1
Impact to Workers - Green - 1

BIO NOVOCHLORE NEUTRA

Organic chlorine and alkali neutralizer

100% organic and green neutralizer can efficiently neutralizes the chlorine residue and residual alkalinity. Its having high solubility and neutralizing values and enhance the brightens of textiles.

- Disperses well in cold water.
- Brightens the linen
- Neutralize the metal residue along with chlorine and alkali.
- Very low dosage when compared with other inorganic products.
- Removes the chlorine residue and prevent yellowing of garments.

Certifications

Screen Chemistry, ZDHC, Vegan, US EPA Safer Choice program, EIM Score.

Hazard Classifications for Chemicals Present in the Novochlore neutra, TOX Lab Washington, DC



EPA SCIL Full GreenCircle (97%)
GreenScreen Benchmark U (5%)



Impact to Environment - Yellow - 2
Impact to Workers - Yellow - 2

BIO NOVOFINISH PF Laundry stiffening agent

BIO-NOVOFINISH PF is a perfect blend of green and organic natural sizing polymers designed to provide excellent stiffness and better wash out in a wide range of temperatures. It's a very stable formula which provides natural starch feel while retaining the endurance of finish and freshness. Essential oils are used to give luxury and safe fragrance.

Dry cleaners, shirt laundries, country clubs, banquet facilities, hospitality accounts with restaurants will benefit the finish of this product.

- Green sizing and freshening agent.
- Imparts excellent stiff and paper finish.
- Improves strength, seam slippage and washing fastness.
- Protect from stains.
- Increases tensile strength.
- Anti-static finish.
- Fresh aroma of natural essential oil.

Certifications

Screen Chemistry, ZDHC, US EPA Safer Choice programe, EIM Score.

Hazard Classifications for Chemicals Present in the Bio Novofinish PF, TOX Lab Washington, DC



EPA SCIL Full GreenCircle (75%)
EPA Safer ChoiceAcceptable (25%)



Impact to Environment - Green - 1
Impact to Wrokers - Yellow - 2

BIO NOVOSOFT LV 90 EXTRA - FAIRY BLOSSOM Enzymatic oxygen bleach & disinfectant

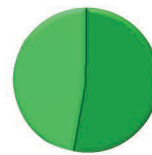
It is an amphoteric charged poly alkyl ester of poly-hydric alcohol, modified and pre hydrogenated softener with essential oil for laundry application. This can be used as both non-ionic and cationic softeners. Non yellowing, anti-ozone and hydrophilic properties of it makes it unique for all type of garments and linens.

- Excellent freshness and hand.
- Improves hydrophilic properties of fabrics and fix the dyes.
- Amphoteric charged.
- Prevents static build up.
- Non yellowing

Certifications

Screen Chemistry, ZDHC, Vegan, US EPA Safer Choice programe, EIM Score.

Hazard Classifications for Chemicals Present in the Bio Novosoft LV 90 Extra, TOX Lab Washington, DC



EPA SCIL Full GreenCircle (47.5%)
EPA Safer ChoiceAcceptable (42.5%)



Impact to Environment - Green - 1
Impact to Wrokers - Green - 1

BIO NOVOSOFT LV 90 EXTRA - DARLING BLUSH 100% green essential oil freshened softener

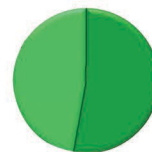
It is an amphoteric charged poly alkyl ester of poly-hydric alcohol, modified and pre hydrogenated softener with essential oil for laundry application. This can be used as both non-ionic and cationic softeners. Non yellowing, anti-ozone and hydrophilic properties of it makes it unique for all type of garments and linens. Very smooth hand with high moisture absorption and anti-static properties. This has an additional property of colour fixing by cross linking, makes it unique for coloured linens and garments.

- Excellent freshness and hand.
- Improves hydrophilic properties of fabrics and fix the dyes.
- Amphoteric charged.
- Prevents static build up.
- Non yellowing

Certifications

Screen Chemistry, ZDHC, Vegan, US EPA Safer Choice programe, EIM Score.

Hazard Classifications for Chemicals Present in the Bio Novosoft LV 90 Extra, TOX Lab Washington, DC



EPA SCIL Full GreenCircle (47.5%)
EPA Safer ChoiceAcceptable (42.5%)



Impact to Environment - Green - 1
Impact to Wrokers - Green - 1

sustainability ,
...a wing to surge in laundry business.

SUSTAINABLE & GREEN LAUNDERING

Sustainability-driven innovation goes beyond designing green products and synthetic process methods. It entails improving business operations and processes to become more efficient, with a goal of dramatically reducing costs and waste. It is also about insulating a business from the risk of resource price shocks and other competitive business advantages. At every stage of the laundry production, vast amount of energy, clean water & chemicals are being used to process the linen & apparels. In turn these processes generate air, water & soil pollution through untreated effluent generation & waste generation which place heavy burden on environment. So, it was indeed a need of looking other ways of innovations attributed to laundry processing.

GREEN TAG

SAFE LAUNDERING



Perc Replacement Finishes

5th generation fabric enhancers. speciality multi-functional fabric cleaners & enhancers from plant-based emollients and humectants.

Dry-Wet cleaning



This is absolute innovation in organic chemistry ,

5th generation fabric enhancers. Speciality multi-functional fabric enhancers from plant-based emollients and humectants.

Innovative laundry finishes for the enhancement of linens and clothes.

Natural based emollients are vegetable derived and can be classified as oils or butters depending on their consistency. Unrefined materials are normally complex mixtures of hydrocarbons, triglycerides, esters, and alcohols depending on the type of processing used. Emollients for textiles are usually synthesised from hydrophobic oils that form films on the surface of the textiles where they often act as anti-humectants or sealers. They are lubricants and provide increased slip (decreased drag) between adjacent fibres, which makes detangling much easier. Humectants typically draw water to the fabric from humid environment and enhance water absorption once applied on fabric. Both these are forms of sugar. In fact, all sugars draw and hold moisture to them. The products are made by complex amalgamation of selected emollients and humectants from triethylene glycol, tripropylene glycol, propylene glycol, and PPGs. It also enhanced with sorbitol (sugar alcohol), hexylene and butylene glycol etc. for cleaning and degreasing action. these one-shot cleaners and enhancers improve the fabric appearance by the resurrection of tensile values, extra blooming of colours, moisture wicking and moisture management, extra silky soft, wrinkle free and stain release finishes etc. There is no need of rinsing after this process.

Alkyl polyglycolides are complex products made by the reaction of glucose and fatty alcohol. Functionalizing the hydrophobic alkyl polyglycolide, by including in the molecule sulfosuccinate and carboxylate functionalities. These products have been called "alkyl glycosides formulated with plant emollients to replace conventional dry cleaning by wet finishes with exceptional hand and resilience. The presence of the free fatty alcohol in the mixture, allows for a more water-soluble product, by removing the water insoluble alcohol. Polyhydric alcohols with high thermal stability and amphoteric charge are mixed in the formulation for extra softness and hydrophilicity. These are absolutely new innovations in laundry science.

PERC REPLACEMENT FINISHES DRY-WET CLEANING (LLMA)

SUPER SOFT 016

Emollients for cleaning, colour blooming & bouncy feel

Non yellowing non-ionic humectants and emollients for colour blooming, extra clean, body and bouncy feel suitable for cotton and synthetic. Emulsion suitable for manual, e-flow and auto dispensing. impart anti-static properties and non-yellowing. 100% plant origin vegan product and no need of any rinsing after finish. It can be used as substitution for dry cleaning

- Vegan, safest chemistry
- Excellent grease and oil stain remover
- Excellent anti-bacterial property
- Good detergency
- Colour blooming for dull and faded textiles
- No rinse needed

Certifications

GOTS, Screen Chemistry, ZDHC, Vegan, US EPA Safer Choice programme, EIM Score.

Hazard Classifications for Chemicals Present in the Supersoft 016, TOX Lab Washington, DC



AQUA SOLVE

Dry Cleaning detergent Can be used with perchlorethylene and hydrocarbon solvents including dry - wet cleaning agents

Aqua solve is a dry-cleaning detergent and cleaning performance booster for Perc, hydro carbon and laundry washes. it can also be used a pre- soaking detergent for heavy soiled clothes. It shows at low concentrations excellent cleaning effect and extraordinary water binding ability. The risk of greying can be ward of using this detergent in dry and wet washing. Anti-static properties and colour protection agents enhance the cleaning process. Contains bactericide additives, which deodorise the items. The product does not contain chlorinated hydrocarbons.

- Dry cleaning detergent, works well with perc and hydro carbons.
- Excellent pre spotter .
- Pre spotter for collar and cuff to eliminate physical brushing or tamping.
- Excellent antistatic and anti- soil redeposition properties.
- Anti-bacterial and deodorizing properties.

NOVOSIL P 3000 - DRY WET CLEANER & ENHANCER

Extra silky and soft hand permanent finish

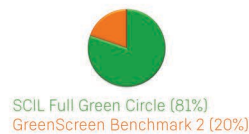
Non yellowing non-ionic humectants & emollients silky softeners with poly hydric alcohol suitable for cotton and synthetic. Soft and feather silky hand. Emulsion suitable for manual, e-flow and auto dispensing. Anti-static properties, moisture management, fast drying, moisture wicking properties. 100% plant origin. Vegan product.

- Hydrophilic and antistatic
- Cleaner & enhancer
- Moisture wicking and moisture management.
- 5th generation textile enhancers,
- Safest chemistry. Anti-bacterial property.
- Can replace dry cleaning by soft one -shot wet processing.

Certifications

GOTS, Screen Chemistry, ZDHC, Vegan, US EPA Safer Choice programme, EIM Score.

Hazard Classifications for Chemicals Present in the Novosil P 3000, TOX Lab Washington, DC



NOVOSIL ULTRA HF – AQUA PERC (WET-DRY CLEANING)

Replacement product for perc dry cleaning

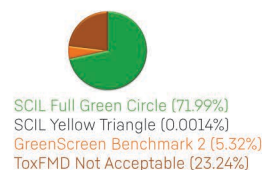
4th generation fabric enhancer and softening agent developed from D5- the safest dry wet cleaner silane in micro emulsions. This can impart excellent wicking performance to textiles. Moisture management, cool comfort, anti-static and hydrophilic softener. High grease dissolving oil and oil emulsifying power which can potentially replace per chloroethylene dry cleaning

- Excellent cleaning
- Moisture wicking and hydrophilic
- Cool and comfort finish
- Anti-static
- Rapid strike through
- Moisture management and quick drying
- Colour blooming & fabric enhancing
- Wrinkle free finish

Certifications

GOTS, Screen Chemistry, ZDHC, Vegan, US EPA Safer Choice programme, EIM Score.

Hazard Classifications for Chemicals Present in the Novosil Ultra HF, TOX Lab Washington, DC



Dye fixing & anti back staining agents, enzymatic fur polishing from cotton and blended textiles, rain and stain protection (water & Stain protection finishes), anti colour and soil re deposition agents, iron & metal chelation agents, textile brighteners.

Specialty Laundry Products

- Dye fixer
- Anti backstaining agent
- Enzymatic fabric polishing
- Stain protection finishes
- Water softening agents
- Textile brighteners



SPECIALTY LAUNDRY PRODUCTS

BIO WETOL 90

Water softening agent and iron chelation

Water hardness and metal contamination in laundry and cleaning operations can hamper the process with poor chemical performance, poor foaming characteristic, poor risibility, haze formation or precipitation, poor shelf life, discolouration, rancidity, hard water stains, poor performance of germicide, bathtub ring, dish water spots etc.

- Improves the detergency and rinsing characteristic.
- Improve chemical efficiency.
- Avoid discolouration of laundered materials.
- Avoid hard water stains.
- Remove metal oxides and stains from fabric.
- Protect the linen from rancidity.
- Avoid rust and metal formation in wash water.
- Increase linen life and longevity.

Certifications

Screen Chemistry, ZDHC, Vegan, US EPA Safer Choice programme, EIM Score.

Hazard Classifications for Chemicals Present in the Wetol 90, TOX Lab Washington, DC



NBL 1600

Enzymatic fur polishing and cleaner of garments affected by repeated laundry

Due to repeated laundering textiles tend to create protruding fibres like fur which make the surface appearance shabby and dull the colours. Fabric usually woven or knitted and woven from rayon, wool, or cotton and made ups usually susceptible to this vexing issue. This enzymatic product is specially developed to address this issue in laundering.

- The neutral working condition helps to save time utility and energy by combining prewash and laundry main wash
- It gives exceptionally clean fabric surface on garments with increased color brilliancy due to the removal of fuzz.
- Manual, auto dispensing and e-flow.
- Can do the bio polishing and cleaning in one bath.
- High strength retention & extra bright colours.
- Garment resurrection for extra life

Certifications

GOTS, Screen Chemistry, ZDHC, Vegan, US EPA Safer Choice programme.

Hazard Classifications for Chemicals Present in the NBL 1600, TOX Lab Washington, DC



BIO NOVOFIX FF

Colour fixing agents

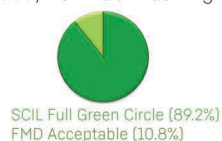
Novofix FF is a 100% green dye fixing agent derived from nitrogenous condensates for the fixation of direct, reactive, acid and indigo dyed garments and textiles with excellent light, wash and chlorine fastness. This is excellent for the hand washing and machine washing of brilliant and sensitive coloured garments. The treated fabrics or garments are protected from ozone damages to colour after washing.

- Dye fixing for bright and sensitive coloured garments.
- Anti colour re deposition properties
- Easily applicable by hand washing and machine wash.
- No significant effect on shade after treating.
- Improves the colour fastness to washing crocking, light and ozone
- Prevents dye migration on other clothes.
- Gives ozone protection after treatment.

Certifications

Screen Chemistry, ZDHC, Vegan, EIM Score.

Hazard Classifications for Chemicals Present in the Novofix FF, TOX Lab Washington, DC



AQUA BRIGHT (POWDER)

Laundry brighteners

Specially developed thermo, alkali and bleach stable brightening agents for white linens and garments. It makes the treated textiles sparkling white with extra brilliance appearance. It can also reduce the wrinkles on the treated garments, makes it easy for ironing. It works well with both liquid and powder detergent to rejuvenate the clothes.

- Extra bright white textiles
- Bleach stable brighteners
- Alkaline stable & can combine with detergents

AQUA BRIGHT (LIQUID)

Laundry brighteners for auto dispensing

Specially developed thermo, alkali and bleach stable brightening agents for white linens and garments. It makes the treated textiles sparkling white with extra brilliance appearance. It can also reduce the wrinkles on the treated garments, makes it easy for ironing. It works well with both liquid and powder detergent to rejuvenate the clothes.

- Extra bright white textiles
- Bleach stable brighteners
- Alkaline stable & can combine with detergents

SOIL, STAIN GUARD

SOIL GUARD FF

Permanent soil guard finish in laundering

PFC free soil release finish for knitted fabrics, table linens & garments. Works well to guard all house hold stains. It can be easily applied in laundry machines and dried cured with normal laundry dryers. This process substantially increases the fabric life, reduce the detergent usage and reduce inventory. It's a highly sustainable product and having deep ecological impact.

- Safe chemistry (PFC free)
- Durable soil resistant finish
- Alkali resistance finish
- Dry in normal temperature
- High wash durability
- Long linen life
- Easily application in laundry

LAUNDRY FRESHNERS

EXOTIC LAUNDRY FRESHNERS

Laundry freshener & Disinfectant

Choice of fragrance says a lot about you. They can enhance our mood, invigorate us or calm us. A preference for certain fragrance reveals something about an individual's identity. Scents can create a range of sensations. All this comes in to play when you receive freshly laundered clothes for wear. Wearing fresh smelling clothes is pleasurable. The right scent of your clothes or linens can put you at ease and make you feel confident. It also forms a part of your personality. When you wear a clothe with noticeable freshness or barely traceable fragrance is all part of who you are.

Atlantic offers a range of exotic fragrance for laundry applications. These are specially formulated non- stainable scents for using either with the wash baths or dryer cycles after drying or in the finishing stages. The customers interpret fresh smelling clothes as a sign of laundry job well done.

These laundry fresheners help to neutralize unpleasant smells, remains even after laundering and helps clothes to retain their just-washed fragrance and delivers real in-wear freshness.

These exotic ranges include

- Spring Fresh
 - Fleur Oriental
 - Gardenia Artica
 - Exotic Breeze
 - Poppy Desire
 - Midnight jasmine
 - Chempa
-
- Ready to use in rinse bath for on garments and linen.
 - Non stainable.
 - For laundry and dry-cleaned garments.
 - Excellent and rich freshness lasting laundry - ward robe - wear.
 - Can be used for all type of fabrics.



Spotting Chemicals

SPOT AWAY 1

Betadine stain remover

Betadine is an iodine-based antimicrobial available as an ointment, swab, tincture or skin cream. People generally use Betadine cream on minor scrapes and cuts to prevent infection. Medical professionals also use Betadine as a topical antiseptic before and during sterile surgical procedures. Like other iodine-based products, Betadine can stain the clothing. Spot away 1 quickly neutralizes betadine and iodine-based stains and spills. Effective removes betadine and iodine-based stains from hard surfaces. Versatile fabrics and linens in laundry applications.

SPOT AWAY 2

Rust and tarnish remover (trigger spray)

Spot away 2 is effective in the removal of stubborn yellow and dark coloured stains caused by metals like iron, copper etc. It's safe to use on textiles, carpets, upholstery etc. The formula begins working on contact, dissolving the oxidation that causes these stains. Easy to use, spray directly onto stained area and rinse off. No heavy scrubbing needed.

- Lay the clothing or fabric out on an old towel and pour a small amount of spot away 2 directly on the stain.
- Saturate it thoroughly, then blot it with a clean white towel.

Spot away 2 the best way to eliminate unsightly rust stains from boats, RVs, exterior walls of homes or wherever else they may form. The formula begins working on contact, dissolving the oxidation that causes these stains. Easy to use; spray directly onto stained area and rinse off; no heavy scrubbing needed.

SPOT AWAY 3

Oil, tar and bug, asphalt etc

It dissolves tough oil-based spots like grease, oil, tar, dried oil-based paint, lipstick & nail polish, some inks and adhesives. Easily rinses with water, less hazardous formula for use with carpet & upholstery. Diesel fuel removes tar without damaging the surface. Put on protective gloves and dip a rag into the diesel fuel. Wipe it on the spot and let it set for a minute. Wipe the tar and fuel off. Use a soft cloth to ensure there is no damage to the car. Seconding put a bit of White Spirit onto a cloth and work it on to the tar leaving it to rest for up to about 5 minutes or so. Once the time has passed use a cloth to easily remove the tar away.

Acetone is the strongest and fastest evaporating solvent available. It is recommended for thinning many types of epoxy and fiberglass resins. It will soften plastic, Plexi-glass, linoleum, latex paint, synthetic fabrics, asphalt and tar.

High Performance Stain Removers

SPOT AWAY 4

Cosmetic stain remover

Spot away 4 is the only product specially formulated to remove lipstick, mascara, foundation, suntan lotion, hair preparation, eye makeup and other cosmetics from wearing apparel, fabric shoes and handbags. Non-aerosol with applicator-top takes the strain out of stain removal.

SPOT AWAY 5

Ink stain remover

Spot Away 5, Ink Remover is a ready to use water-based spot remover. Removes the toughest marker and ink stains on carpet, furniture, upholstery and clothing.

Acetone:

Acetone is good for removing some glues, nail polish, ink stains, rubber cement, and grease. Nail polish remover may contain acetone, however for general use it is best to obtain bottled acetone from a hardware store. It can be diluted with water.

Rubbing alcohol:

Hydrogen peroxide

Rubbing alcohol and hydrogen peroxide can dissolve many types of inks from most surfaces including paper, fabrics, wood, carpets, tiles and counter tops. While these will successfully dissolve most of the ink.

SPOT AWAY 6

Pet stain and odour remover

One of the best our thorough pet stain removal products for laundry & home. Our powerful carpet pet stain remover features a Powerful Triple-Action Cleaning System that removes stains, removes odors, AND discourages re-soiling. Oxygen removes pet stains such as urine, vomit, blood, feces, and tracked-in dirt.

SPOT AWAY 7

collar and cuff stain remover

This liquid contains scrub free formula which clears deep and heavy stains. It will quickly dislodge, eliminate odours, remove residues, and leave your fabric clean and fresh. The free and clear formula lets you know your surface is pure, not masked by a fragrance. Use in addition to your laundry detergent or apply directly as pre-treatment for superior stain remover.

- This strong cleaning liquid with scrub free and stain busting formula that loosens stains, cuff and collar soil, dirt, grime and saree falls
- This strong cleaning liquid with scrub free and stain busting formula that loosens stains, cuff and collar soil, dirt, grime and saree falls
- This stain cleaning liquid comes with convenient spill-proof pack with nozzle plug which is easy to use
- Excellent performance to remove body oils and cosmetic stains.
- Easy wash and improve garment life.

Economical Laundry Products with Ecological Impact

When we pursue for “Zero Discharges of Hazardous Chemical” the major thing we need to address is elimination of inorganic alkalis, non – ecofriendly acids, surfactants, polymers and genetically modified enzymes etc, going to the water treatment system.

Surfactants/ polymers like scouring soap, wetting agent, lubes and demineralizing agent are toxic to environment and very hard to extract it back from environment. Inorganic alkalis like caustic soda, soda ash etc create lot of effluent load and affect the tensile property of fabric.

We offer a range of products which meets all environmental and exposure norms and reduction of utilities and finite resources. Substantial saving of water, power and energy and improve fabric quality and productivity.

Adhering to our resolve to meet the norms of ethical laundry, we strive hard to create a world environmentally greener and safer place for the generations to live. Our responsibility towards growing concerns on human health and environmental safeguards stand best reflected in the fact that Atlantic care chemicals deals with safe, sustainable, renewable (cradle to cradle), easy bio degradable, less toxic to exposure and environment .



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Indian Values,
Global Vision

|UAE |Oman |Qatar |Bahrain |Egypt |Jordan |Kuwait |Madagascar
|Kenya |Vietnam |Cambodia |Ethiopia |Tanzania
|Mauritius |Indonesia |Myanmar |India |Sri Lanka
|Bangladesh |China |Uganda |South Africa

CERTIFICATIONS

9001:2015
ISO CERTIFIED COMPANY



By US FDA
registered.

AWARDS



By Six Sigma
Star Healthcare



For Best Natural Products
Bisgate