

SUSTAINABILITY,
A WING TO SURGE IN
LAUNDRY BUSINESS.



A NEW GENERATION OF
GREEN LAUNDRY PRODUCTS
FROM ATLANTIC

Why Vegan ?!



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.

- 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 farming. 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

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.



EMULSIFIERS & ALKALINE BOOSTER DETERGENTS

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 programme, EIM Score.

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



SCIL Full Green Circle (77.5%)
GreenScreen Benchmark 2 (18%)
ToxFMD Not Acceptable (4.5%)

EIM®

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

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 programme, EIM Score.

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



EPA SCIL Full Green Circle (100%)

EIM®

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

BIO NOVOFAD E CONTROL

Safe Alkali booster

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
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- High strength retention
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Certifications

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

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



EPA SCIL Full Green Circle (100%)

EIM®

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



BLEACHES AND DISINFECTANTS FOR LAUNDRY

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 programme, 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 programme, 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 NOVOFAD E ACTIVE

Enzymatic chlorine bleach replacement and stain remover

This is an enzymatic replacement of hydrogen peroxide & chlorine in laundry 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 programme, 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 brightness 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 programme, EIM Score.

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



EPA SCIL Full Green Circle (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 programme, 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%)

EIM®

Impact to Environment - Green - 1
Impact to Workers - 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 programme, 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%)

EIM®

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

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

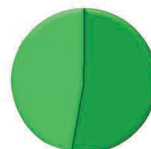
It is an amphoteric charged poly alkyl ester of poly-hydric alcohol, modified and pre hydrogenated softener with essential oil for laundry application. This can be used as both non-ionic and cationic softeners. Non yellowing, anti-ozone and hydrophilic properties of it makes it unique for all type of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

EIM®

Impact to Environment - Green - 1
Impact to Workers - 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

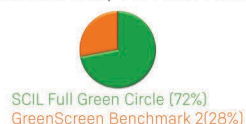
Non yellowing non-ionic humectants and emollients for colour blooming, extra clean, body and bouncy feel suitable for cotton and synthetic. Emulsion suitable for manual, e-flow and auto dispensing. impart anti-static properties and non-yellowing. 100% plant origin vegan product and no need of any rinsing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

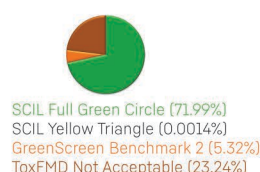
4th generation fabric enhancer and softening agent developed from D5- the safest dry wet cleaner silane in micro emulsions. This can impart excellent wicking performance to textiles. Moisture management, cool comfort, anti-static and hydrophilic softener. High grease dissolving oil and oil emulsifying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

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



EIM®
Impact to Environment - Yellow - 2
Impact to Workers - Green - 1

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 program.

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



EIM®
Impact to Environment - Green - 1
Impact to Workers - Yellow - 2

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



EIM®
Impact to Environment - Yellow - 2
Impact to Workers - Yellow - 2

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.



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



DEURABLE & SAFEST ANTI-MICROBIAL FINISHES WITH 5TH GEN QAC

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.

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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| Kenya | Vietnam | Cambodia | Ethiopia | Tanzania
| Mauritius | Indonesia | Myanmar | India | Sri Lanka
| Bangladesh | China | Uganda | South Africa

CERTIFICATIONS



AWARDS

