



A HEALTHIER, NATURAL and ECOLOGICAL CHOICE FOR THE INTIMATE FEMINE HYGIENE

COMPANY

• **COTTON HIGH TECH** is an experienced company specializing in the production of a complete range of hypoallergenic Feminine Hygiene Products made with **100% NATURAL COTTON** or **100% CERTIFIED ORGANIC COTTON**, which makes them:

- ✓ Hypoallergenic
- ✓ Perfume free
- ✓ Viscose free
- ✓ Superabsorbent polymers free
- ✓ No Chlorine or Dioxin used in the bleaching process
- ✓ 100% Wood Pulp free, which is a by-product of natural trees



LOCATION

Our production plant is located in Gaià – SPAIN.
It is a highly strategical geographical location:

- 50 kms. from Barcelona with port and airport
- 175 kms. from France through La Jonquera boarder
- Easy access to AP7 highway



...Allowing us to easily distribute our products worldwide.

WORLDWIDE PRESENCE

- ESPAÑA
- USA
- FINLANDIA
- ITALIA
- CHINA
- DUBAI
- LUXEMBURGO
- ECUADOR
- HOLLANDA
- ESLOVENIA
- BELGICA
- GRECIA
- LITUANIA
- FRANCIA
- TURQUIA
- ESTONIA
- AUSTRIA
- HUNGRIA
- AUSTRALIA



MISSION

• Our mission is to offer to the market a healthier and natural choice for the intimate feminine hygiene, with products made with **100% PURE COTTON** which helps to reduce the risks of irritations and allergies.



TARGET

Our products follows two main targets:

- 1 - HEALTH:** An alternative product line which helps to prevent unnecessary skin irritations, allergic reactions and exposure to dioxin.
- 2 - ENVIRONMENT:** An alternative product line made from natural materials and whose production has less of an impact on the environment.



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QUALITY SYSTEM

- Our quality control is fashioned on a Total Quality System based on ISO 9001:2002.
- Our policy is to implement the quality control in every working department (auto-quality control).
- Most of the main tests and controls are done in our Internal Lab (Syngina Tests, Absorption capacity, etc.).
- Microbiological Tests and Specific Tests are made by our external lab LEITAT.
- We have obtained the US FDA Approval 510(k)



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OUR MAIN MISSION....


HEALTH and WELL-BEING



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VULVO-VAGINAL IRRITATION

- Every day more women suffer from vulvo-vaginal irritation in some form (rush, burnings, soreness, etc.); cause include the use of feminine hygiene products made with plastics, viscose, cellulose, perfume, and/or superabsorbent and other petrochemical products.
- These ingredients combined with the common daily use of pantyliners can create a heat-dampness micro-climate, which is an ideal situation for the proliferation of bacteria, fungi and irritations.



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VULVO-VAGINAL IRRITATION

Women's fashion/beauty trends also add to the occurrence of vulvo-vaginal irritation further exasperating irritation caused by traditional hygiene products with synthetics.

- ✓ **Daily use of plastic pantyliner**
- ✓ **Tight trousers**
- ✓ **Tanga (string) and non-cotton underwear**
- ✓ **Depilations: brasilian, caribbean...**



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Do the consumer know the composition of their sanitary pad, tampon and pantyliner...??

Most of them, **DO NOT**.

A consumer test in Europe found that most women believe that the products that they are using are made with 100% cotton **JUST** because they are **WHITE**. **IT IS NOT THE CASE**. They contain synthetics. And, they are unaware that the **BLEACHING** process to make these products white is potentially harmful!



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- Most of the sanitary pads, pantyliners and tampons available nowadays in the market are made with **plastics, petrochemical materials, super-absorbent polymers, viscose and/or chemically treated cellulose**. Many of these products also incorporate chemical substances and perfumes for odor-control.
- Multinational companies heavily promote these products in the media with immense advertising but they neglect to inform the consumer about their actual components. To entice the consumer they use adjectives such as: **COTTONLIKE, COTTON SOFT, COTTON SENSATION**, etc. This does **not** mean they are made of pure COTTON.



CONSEQUENCES OF USING THESE PRODUCTS

- Nowadays more than 15% women suffer from **VULVO-VAGINAL IRRITATION**. Vulvo-vaginal irritation can appear at any age for a women but it is most often during the fertile years. The years in which a women has her menstrual cycle.

Age Group	Percentage
0-5	1.50%
6-10	2.00%
11-20	3%
21-30	34%
31-40	26%
41-50	20%
51-60	10%
61-70	8%
>70	4%

5% PUBERTY PERIOD
60% FERTILITY PERIOD
20% PREMENOPAUSE PERIOD

VULVO-VAGINAL IRRITATION Examples

Dermatitis de contacto vulvar

Alberto Miranda-Romero*, Carolina Saiz-Munoz*, Alberto Miranda-Sivelo* y Cristina Martinez-Morin*
*Servicio de Dermatología, Hospital Clínico Universitario de Valladolid, Valladolid, España.
*Servicio de Dermatología, Hospital Ido-Carmon, Palencia, España.

Figura 5. Dermatitis alérgica de contacto
Miranda-Romero A et al. Dermatitis de contacto vulvar. Piel. 2012;28(5):266-82

Contact dermatitis of the vulva (pads)

TAMPON FIBER SHEDDING

Cervix
Vaginal fornix (Less than 1 cm)
Cervix

CONCLUSIONS

The feminine hygiene products used by our grandmothers were **100% healthier** than nowadays products!

We have the solution for all these women

100% COTTON FOR THEIR FEMININE INTIMATE HYGIENE


Why COTTON??

- COTTON' s natural characteristics yield exceptional benefits when used in the production of natural feminine hygiene products. The use of cotton helps reduce and prevent the risk of irritation and allergy caused by exposure to other non natural conventional feminine hygiene products' ingredients, like cellulose, plastic, superabsorbents and petrochemicals.

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COTTON CHARACTERISTICS



- **BREATHABLE:** admit air to flow easily through the fibers.
- **GUARANTEES AN OPTIMAL LEVEL OF HUMIDITY WITH OUTSIDE:** to limit skin dehydration.
- **PHYSIOLOGICAL BODY' S Ph COMPATIBILITY:** it is compatible with the human body' s physiological Ph. It does not alter the natural acidity of the vaginal mucous.
- **HYPOALLERGENIC:** reduce and helps to prevent the risks of irritations, allergy and infections.
- **GENTLE ON YOUR SKIN:** soft and gentle on your skin with maximum leakage protection.



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MAIN CELLULOSE RESOURCES - cotton is less wasteful -


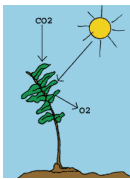
COTTON	FLUFF PULP
With 100 Kg. of COTTON	With 100 Kg. of Trees wood <i>treated chemically</i>
we can obtain	we can ONLY obtain
95 Kg. of Cellulose Fibers	50 Kg. of Cellulose Fibers
Annual Plantation	Deforestation

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COTTON



- Cotton is the most pure fluff fibre, at more than a 95% composition of fluff. Cotton plantations are essential and beneficial to our environment in order to create more O2 and safe guard the ozone layer.

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FLUFF PULP


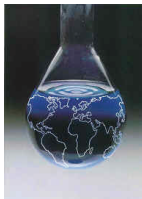
- Fluff pulp can be obtained from trees in the form of wood particles. The wood particles coming from a tree contain around 50% fluff. Thus, upon conversion from wood to fluff pulp there us an average waste of 50% of the tree. By using cotton products we are helping to prevent unnecessary killing of trees!

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FLUFF PULP or CELLULOSE

- The Fluff or Cellulose can be treated mechanically or chemically. The hygienic products go through a chemical process called Chemical-Termomechanical Cellulose (CMTMP). Strong chemicals are used in order to break down the fibers. These chemicals are unhealthy for the body and our environment.

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Organic vs. Natural Cotton Cultivation

Organic Cotton Farms	Natural Cotton Farms
Organic Fertilizer	Chemical Fertilizer
Pest Hunting Insects	Chemical Pesticide
Hand Weeding	Chemical Herbicide
Grown in Mixed Crop Fields (This increases Weed Resistance Naturally)	Single Crop Fields
Plants Are Naturally Allowed to Wither	Defoliant
Mild Hydrogen-Peroxide used as Natural Whitening & Disinfectant Agent	
Final Result: Organic Cotton	Final Result: Natural Cotton

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 NATURAL COTTON
PRODUCTS

- Made with **100% PURE NATURAL COTTON**
- **Perfum and superabsorbent free**
- **Viscose free**
- **Non Chlorine or Dioxin used during their bleaching or manufacturing process.**
- **100% Cellulose Pulp free**, which is a by-product of natural trees

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PRODUCT RANGE

- Our Masmi Natural Cotton product line is composed by:
 - **TAMPONS**
 - **SANITARY PADS**
 - **PANTYLINERS**
 - **MATERNITY PADS**
 - **BREAST PADS**
 - **BABY DIAPER RASH PROTECTOR**
 - **BEAUTY COTTON PRODUCTS**



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SANITARY PADS and PANTYLINER RANGE



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SANITARY PADS and PANTYLINER RANGE


Our Sanitary Pads and Pantyliner Range:


- **ANATOMICAL SANITARY PADS**
- **DAY / NIGHT ULTRATHIN SANITARY PADS**
- **ULTRATHIN PANTYLINERS**
- **ANATOMICAL CLASSIC PANTISHIELDS**

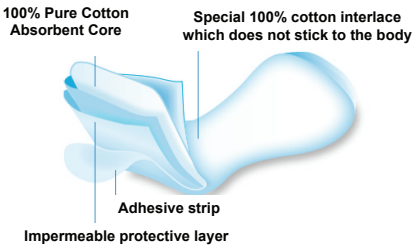
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ANATOMICAL SANITARY PADS

- **100% Natural Cotton** absorbent core with high absorption.
- **Hypoallergenic**, helps to reduce and prevent the risks of irritations and allergy.
- **Specially recommended for all sort of looses** (light incontinence, heavy flow, etc.)
- **Anatomical shape**
- **Cotton nonwoven coversheet** with special interlacing to prevent fibres from sticking onto the skin.
- **Adhesive strip for secure placement.**
- **Soft and spongy surface** for added comfort.
- Perfume and superabsorbent free
- **NO CHLORINE or DIOXIN used in the Bleaching process.**
- 100% Cellulose Pulp free, which is a by-product of natural trees.



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PRODUCT STRUCTURE



100% Pure Cotton Absorbent Core

Special 100% cotton interlace which does not stick to the body

Adhesive strip

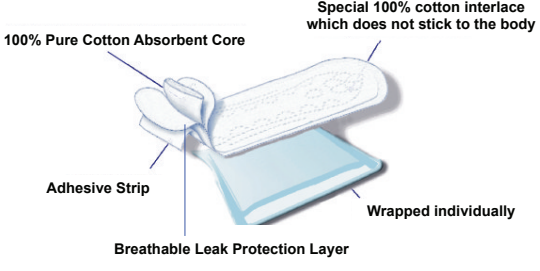
Impermeable protective layer

ULTRA THIN SANITARY PADS

- **100% Natural Cotton** absorbent core with high absorption.
- **Hypoallergenic**, helps to reduce and prevent the risks of irritations and allergy.
- **Cotton nonwoven coversheet** with special interlacing to stop fibres from sticking onto the skin.
- **ULTRA-THIN**, more discrete and comfortable.
- **With wings**
- **Special design for DAY and NIGHT**
- **Wrapped individually** for easy carrying and access, and
- **Impermeable breathable back-sheet layer**
- **Adhesive strip** for a security fit
- **Perfume and superabsorbent free**
- **NO CHLORINE or DIOXIN used in the Bleaching process.**
- 100% Cellulose Pulp free, which is a by-product of natural trees.



PRODUCT STRUCTURE



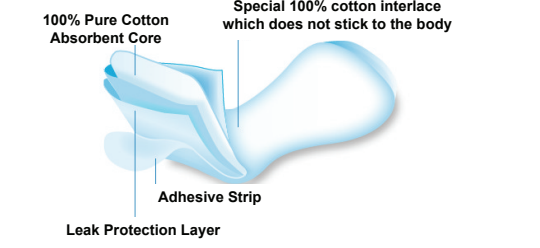
Labels in diagram: 100% Pure Cotton Absorbent Core, Special 100% cotton interlace which does not stick to the body, Adhesive Strip, Breathable Leak Protection Layer, Wrapped individually.

ANATOMICAL CLASSIC PANTYSHIELD

- **100% Pure Natural Cotton Absorbent Core**
- **Hypoallergenic** to reduce the risks of irritation and allergies
- **Cotton nonwoven coversheet** with special interlacing to stop fibres from sticking to he skin
- **Recommended for its daily use.**
- **Anatomical shape**
- **Impermeable protection layer**
- **Adhesive strip**, for security fit.
- **Soft and gentle** on your skin.
- **Perfume and superabsorbent free**
- **NO CHLORINE or DIOXIN used in the Bleaching process.**
- 100% Cellulose Pulp free, which is a by-product of natural trees.



PRODUCT STRUCTURE



Labels in diagram: 100% Pure Cotton Absorbent Core, Special 100% cotton interlace which does not stick to the body, Adhesive Strip, Leak Protection Layer.

MATERNITY RANGE



MATERNITY PADS

- Made with 100% Pure Natural Cotton. **Recommended to be used specifically after giving birth or other surgical operations** to keep all open cuts safe from exposure to synthetics and dioxins. Cotton is also softer for supreme comfort and gentle touch.
- Gynecologists, mid-wives and obstetricians recommend that women use only natural maternity pads with special cotton nonwoven interlacing coversheets, without perfumes and adhesives after giving birth, in order to avoid the risk of irritations, allergies and infections. Especially, while stitches remain after surgery.

COHITECH **MATERNITY PADS** masmi NATURAL COTTON

- **100% Pure Hypoallergenic Cotton Absorbent Core.**
- **Special design for women after giving birth or other surgical procedures.**
- **Special cotton interlacing coversheet** which does not stick to the wound.
- **Impermeable.**
- **Absorbent core** with a high absorbancy.
- **Soft and sponge like** for ultimate comfort.
- **Superabsorbent polymers free.**
- **Without adhesive strip in order to avoid irritations, infections and allergies**
- **Perfume and superabsorbent free**
- **NO CHLORINE or DIOXIN used in the Bleaching process.**
- **100% Cellulose Pulp free, which is a by-product of natural trees.**

COHITECH **PRODUCT STRUCTURE** masmi NATURAL COTTON

DO NOT CONTAIN

- ADHESIVES
- PERFUMES
- CHLORINE or DIOXIN
- SUPERABSORBENT

COHITECH **BREAST PADS** masmi NATURAL COTTON

MAIN CHARACTERISTICS

- **100% Pure Hypoallergenic Cotton Absorbent Core.**
- **Discreet**, due to their **anatomical shape** that adjusts perfectly to the curve of the breast
- **Special cotton interlacing coversheet** which does not stick to nipple area.
- **Rustle-free impermeable layer.**
- **Soft and gentle on your skin.**
- **Adhesive strip for security fit.**
- **Perfume and superabsorbent free**
- **NO CHLORINE or DIOXIN used in the Bleaching process.**
- **100% Cellulose Pulp free, which is a by-product of natural trees.**

COHITECH **TAMPON RANGE** masmi NATURAL COTTON

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- **TAMPONS** could contain two dangerous substances potentially harmful to one's health:

- **DIOXIN**
- **VISCOSE or RAYON**

COHITECH **VISCOSE or RAYON** masmi NATURAL COTTON

- **VISCOSE or RAYON** materials make the tampons more dangerous because they are highly-absorbent fibres. These fibers stick behind on the vaginal wall (it usually happens because traditional tampons do not have any security veil to protect from the loose fibers). In turn, fibers left behind that contain dioxins and synthetics can create a favorable environment for the growth of bacteria causing TSS (Toxic Shock Syndrome). This is **UNFAVORABLE FOR ANY WOMEN.**

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DIOXIN

- Dioxin is a biproduct of chlorine. Dioxin is closely linked to cancer. Traditional companies use chlorine to bleach their tampons and pads. Thus, dioxin's toxic and carcinogenic qualities could damage a women's reproductive systems as well. It is related to endometriosis and can even alter the immunological system.**



BEFORE AFTER

Yushenko endured dioxin poisoning, likely by political foes, which, along with nearly killing him, left his skin severely disfigured. WELIams.com

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TAMPONS CHARACTERISTICS

- 100% Pure Organic Cotton Absorbent Core**
- Special security veil** covering the absorbent core to stop the fibres from sticking on the vaginal wall during tampon removal.
- Hypoallergenic** to reduce the risks of irritation and allergy
- BIODEGRADABLE cardboard applicator** with rounded end tip for a hygienical, comfortable and soft insertion
- Removal Cord totally sewed to the absorbent core for the tampon's easy and safe removal.
- Wrapped individually for easy carrying and access.
- Perfume and superabsorbent free
- VISCOSE / RAYON free absorbent core**
- NO CHLORINE or DIOXIN used in the Bleaching process.**

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ABSORBENCIES

Absorbency	Absorbency Grs.	Menstrual Flow
Regular	6-9 grs	Moderate Flow
Super	9-12 grs	Heavy Flow
Super Plus	12-15 grs	Strong Flow

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TAMPON IMPORTANCE FOR YOUNG WOMEN

- Women usually develop their hygiene habits in their late teens early twenties.
- The teen market is the fastest growing market for tampons sales. The girls today are open to tampons versus pads at an earlier age and also fashion trends are forcing girls to wear tampons as opposed to less discreet pads. Athletics also plays a role.
- Applicator tampons are hygienic and easy to insert.




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THE TOXIC SHOCK SINDROME (TSS)

- TSS is a rare but serious illness.
- It could appear when our body detects a strange element inside.
- In order to reduce the risks off TSS it is recommended that women use tampons with the lowest absorbency necessary to cover their needs and also alternate between the use of sanitary pads and tampons, instead of JUST tampons, at least once a day.



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Utilizando productos de algodón contribuirás a evitar la tala de árboles para la obtención de pulpa de celulosa.

Indem Sie Produkte aus Baumwolle benutzen, leisten Sie Ihren Beitrag zur Verhinderung von Baumrodungen für die Gewinnung von Zellulosemasse.

Het kappen van bomen voor het verkrijgen van cellulose pulp is niet nodig indien u katoenen producten gebruikt.