

# Innovative Treatments



Discover next-generation textile treatments that combine safety, sustainability, and superior performance. These innovative solutions transform natural fibers into premium products that meet the highest standards for protection, comfort, and environmental responsibility.

# Three Revolutionary Treatment Solutions

## **GoldFlam SU**

Sustainable flame retardant protection free from zirconium and halogens

## **GoFresh**

Antibacterial and anti-odor treatment without heavy metals

## **GoInsect 3535**

Natural insect repellent protection without harmful biocides

Each treatment represents a breakthrough in sustainable textile technology, offering superior performance while prioritizing health and environmental safety.

# GoldFlam SU: Sustainable Flame Protection

GoldFlam SU is a next-generation flame-retardant treatment for natural fibers, blends and synthetic fibers. It is free from zirconium and halogens, which are common in conventional finishes with health and environmental risks.

This innovative treatment provides certified safety with flame-retardant efficiency proven under EN 1103:2005 / ISO 6941 and EN 45545-2 railway standards, while maintaining the natural comfort of wool and blends.



# GoldFlam SU Key Benefits



## Certified Safety

Flame-retardant efficiency proven under EN 1103:2005 / ISO 6941 and EN 45545-2



## Durability

Protection remains effective after multiple washes, ensuring long-lasting performance



## Textile Comfort

Preserves softness and breathability of wool and natural fiber blends



## Natural Compatibility

Especially suitable for natural fibers, unlike many synthetic-focused flame retardants



# OEKO-TEX® Compliance: A Major Differentiator



## Certified Excellence

GoldFlam SU meets all OEKO-TEX® requirements and is compatible with products seeking OEKO-TEX® Standard 100 certification in the final result.



**Major differentiation:** Most flame-retardant finishes in the market are not OEKO-TEX® compliant

# GoldFlam SU Applications

## Workwear & Protective Uniforms

Firefighters, police, healthcare professionals requiring certified flame protection

## Automotive & Transport

Upholstery and interior applications meeting railway safety standards

## Contract & Decoration

Hotels, theaters, cinemas requiring fire safety compliance

## Technical & Outdoor Fashion

Products requiring both safety certification and comfort performance

# GoFresh: Hygiene & Long-lasting Comfort

## Revolutionary Antibacterial Treatment

GoFresh is an antibacterial and anti-odor treatment that inhibits bacterial growth. It works without heavy metals (silver, zinc, copper) or aggressive chemicals, providing a hypoallergenic solution with no skin irritation.

The treatment maintains breathability and softness of natural fibers while remaining effective after multiple washes.



# GoFresh Benefits & Certification



## Long-lasting Freshness

Reduces odors even during intensive use



## Health & Well-being

Hypoallergenic solution with no skin irritation



## Comfort

Maintains breathability and softness of natural fibers



**OEKO-TEX® Standard 100:** Officially certified for direct skin contact



# GoInsect 3535: Natural Insect Protection

GoInsect 3535 is an innovative insect-repellent treatment formulated without permethrin or harmful biocides. It creates a safe and durable barrier against mosquitoes, ticks and other insects.

This environmentally friendly solution avoids the negative impact of permethrin on aquatic ecosystems while maintaining effectiveness after several washes without altering fabric softness or breathability.



# GoInsect 3535 Key Features



## Safe Protection

Effective and biocompatible solution without harmful chemicals



## Durability

Maintains effectiveness after several washes



## Environmentally Friendly

Avoids negative impact of permethrin on aquatic ecosystems



## Comfort

Does not alter fabric softness or breathability

**Certification Status:** In process of OEKO-TEX® Standard 100 certification, confirming product safety and sustainability.

# Application Areas Across Industries





# Why Choose Egafil ?



## Premium Quality

European production under advanced textile standards



## True Sustainability

Treatments free from toxic substances and heavy metals



## Certified Trust

OEKO-TEX® Standard 100 certified and compliant solutions



## Competitive Differentiation

Textile solutions competitors cannot offer



International Lab Team 2025



# Transform Your Textiles with the last Technology

Safety, health and comfort for end-users through innovative, sustainable textile treatments that set new industry standards.

Experience the tangible added value of the last sustainable technology- where premium quality meets environmental responsibility and certified performance.

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