CARE MANUAL



Top quality equipment care is of the utmost importance to TOKO. Therefore, we are constantly on the lookout for new formulas and recipes for improving our special products.

This manual is intended to help you to look after your equipment, in order to get the best out of the material for as long as possible.

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1 LONG-LASTING FUNCTIONALITY

BREATHABILITY, WEATHER RESISTANCE, PROTECTION AGAINST THE COLD. FRESH OFF THE RACK, YOUR FUNCTIONAL EQUIPMENT IS GEARED UP FOR ANY OUTDOOR ADVENTURE. BUT DOES IT STAY THAT WAY?

Over the course of time and after a few washes, your high-tech equipment takes on damage and becomes much less effective. Take the pressure off your purse by specifically extending the function and

life of your equipment using the care products from TOKO. The following four tables give an overview of which TOKO care products to use for which purpose.

	MATERIALS	FUNCTIONAL PROMISE	PROBLEM	SOLUTION
FUNCTIONAL UNDERWEAR	Often made from synthetic materials and all types of mixed fabric. • Polypropylene • Polyester • Polyamide	 Persistent moisture management Optimised temperature management: warms in the cold and cools in the heat Odourless during or after sport No static charge Pleasant to wear 	All these characteristics are mainly attributable to the special treatment / coating on the functional underwear. Over time, this treatment is rubbed or washed away due to wear and laundering, and the functional underwear loses its positive characteristics.	 TOKO Functional Sportswear Care (P. 24) Image: Sportswear Care (P. 24) Image: Sportswear Care Sportswear Care Sportswea

	MATERIALS	FUNCTIONAL PROMISE	PROBLEM	SOLUTION
WEATHER PROTECTION CLOTHING	<text><list-item></list-item></text>	 Keeps dry even in heavy and persistent rain Highly breathable DWR treatment makes outer fabric durably water- repellent 	Mechanical abrasion (from wearing backpacks, sitting on the ground, falling over while skiing, etc.) damages the DWR (durable water- repellent) treatment. This greatly impairs the water-repellent function. Hence, as soon as the outer fabric becomes soaked, the garment stops being breathable.	 TOKO Textile Proof (P. 25) TOKO Soft Shell Proof (P. 26) Image: Soft Shell Proof (P. 26) Image: Soft Shell Proof (P. 26) Image: Soft Shell Proof Image: Soft Shell Proof Repels dirt and oil (including skin oil) - the outer fabric remains clean and breathable Best proofing effect without heat treat- ment Restores optimum breathability Fast-drying Clear, clean spray pattern How to use: Wash and dry the textile garment. Then spray evenly from top to bottom at a distance of 20 – 30 cm. Allow to dry fully at room temperature.

1 LONG-LASTING FUNCTIONALITY

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MATERIALS	FUNCTIONAL PROMISE	PROBLEM	SOLUTION
Made from a wide range of materials and combinations of materials: • Synthetic fibres (Polypropylene, Polyester, Polyamide) • Natural fibres (wool, cotton, down) Most manufacturers recommend special washing products to protect / care the materials and retain functionality.	 Long-lasting breathability DWR treatment makes garment durably water- repellent Elasticity and pleasant wearing comfort with soft- shell materials Thermal insulation with downs Wool remains fluffy and does not mat 	 Conventional washing products are not easily soluble and leave residues Enzymes and bleaches damage the fibres, impair colour- fastness and dissolve glues Fabric softeners deactivate the DWR treatment and clog the membrane As they are designed to wash a wide range of materials, normal washing products are never as good as special washes in which the active washing agents are matched to the specific types of soiling and washing temperatures 	 TOKO Eco Textile Wash (P. 22) TOKO Eco Soft Shell Wash (P. 23) TOKO Eco Wool Wash (P. 23) TOKO Eco Wool Wash (P. 23) TOKO Eco Wool Wash (P. 23) Image: Image: Image

	MATERIALS	FUNCTIONAL PROMISE	PROBLEM	SOLUTION
FUNCTIONAL EQUIPMENT WHICH SHOULDN'T BE WASHED IN A WASHING MASHINE	HATERIALS • Shoes • Gloves • Helmets • Protectors		PROBLEM Despite the use of special materials, we know from practice that shoes, but also all other textiles, start to smell after they have been in use for some time due to the growth of bacteria.	SOLUTION TOKO Eco Fresh (P. 29)
FUNCTIONAL	F			

FUNCTIONAL CLOTHING

TOKO eco

SUPERIOR QUALITY – ENVIRONMENTALLY COMPATIBLE.

TOKO has been delivering quality products to the outdoor market for more than 90 years.

TOKO Eco is a world-first combination of performance and environmental compatibility. Three key factors:

1. RAW MATERIALS.

TOKO works in close cooperation with leading chemicals manufacturers. This allows us to immediately test the effectiveness of our raw materials. Our key selection criteria include environmental sustainability, biodegradability and the use of renewable raw materials, combined with innovation.

2. PRODUCTION.

Products are manufactured under ISO-compliant conditions in Switzerland to ensure the process is easy on the environment. Our production facilities have their own wastewater treatment plant, plus steam generators and exhaust air compressors for energy recovery. All our Care Line products are manufactured to energy-saving specifications without the input of heat.

3. TRANSPORTATION.

Production takes place in Switzerland to avoid lengthy shipping transits. We also keep transport movements to a minimum by operating large storage and logistics capacities. What's more, the packaging materials we use are largely sourced from Swiss suppliers.

INDEPENDENT VERIFICATION.

All TOKO Eco products are bluesign®-certified. This independent and internationally recognized quality certification programme conducts regular audits of our manufacturing chain, testing it for environmental compatibility and responsible stewardship of natural resources.



FOR MORE INFORMATION VISIT www.toko.ch/eco www.bluesign.com



TOKO ECO WASH – SUPERIOR PERFORMANCE AND ENVIRONMENTAL CREDENTIALS.

The TOKO Eco detergents combine the cleansing action of a functional textile detergent with the environmental compatibility of an eco-detergent.

- Over 50% of detergent ingredients (surfactants) derived from renewable resources
- All TOKO Eco detergents are readily biodegradable (OECD 302 B compliant)
- Effective at lower temperatures
- Phosphate-free and phosphonate-free
- Fully recyclable packaging

TOKO ECO PROOFING SPRAYS – SAFE AND ECOLOGICAL.

Fluoride-free TOKO Eco Proof is a lot more convenient to use than other fluoride-free proofing products due to its advanced formulation and ultra-fine mist pump-action sprayer. TOKO Eco Proof products are designed especially for functional textiles and footwear and guarantee dependable wet-weather protection without impairing breathability.

- 100 % fluoride-free
- Biodegradable
- No gas propellant
- Benzene-free
- Fully recyclable packaging





2.1 WASH

TOKO Eco Wash products are special ecological detergents for sports and leisurewear. Mild, finely balanced tenside combinations totally dissolve any dirt. Unlike traditional detergents, they contain no bleaching agents or fabric softeners which may adversely affect the clothing's purpose. Textiles (e.g. GORE-TEX® or Sympatex®) are allowed to breathe freely.

All TOKO Eco Wash products are environmentally friendly and easily biodegradable according to OECD Guideline 302 B.

TOKO Eco Textile Wash:

Used for weather protection (thermal) clothing made of non-elastic hard shell materials. Stubborn dirt stains are thoroughly dissolved and removed with special active-wash components.

TOKO Eco Soft Shell Wash:

Used for soft shell, stretch and fleece materials. Contains active agents in addition to conditioning wash components, preserving the typical elasticity and malleability of these textiles.

TOKO Eco Down Wash:

Used for down filled or synthetic clothing and sleeping bags. Restores the material's ability to plump up and the fleece finish. Special active agents relubricate down feathers.

TOKO Eco Wool Wash:

Used for high quality wool and merino clothing. Cleans wool and other fine textiles particularly gently. A special maintenance balm with high quality wool protein protects against felting and keeps textiles soft and supple.

APPLICATION:

- Wash the garment in the washing machine at 40 °C using TOKO detergent according to the instructions on the reverse of the bottle and rinse thoroughly.
- Close Velcro and zip fastener.
- Leave to dry and for optimal protection apply a waterproofing treatment according to chapter 2.2.

WOOL WASH:

- Only load the drum up to 1/3.
- Follow the care instructions.



2.2 PROOF

TOKO Proof products provide optimum protection against rain, wet and dirt for weather protection clothing. Thanks to special components which are ideally suited for multifunctional textiles (such as GORE-TEX® or Sympatex®), the effect achieved after impregnation is comparable to the quality of a new article.

Simple application and controlled spray coating in small doses guarantees optimum protection. The fabric is allowed to breathe freely.

The water repellent effect is based on the differential surface tension of the impregnated fabric. The greater the difference in the surface tension of two materials (in our case, fabric surface v. water droplets), the more pronounced the lyophobic effect between them. TOKO Proof products can alter the surface tension of textile fabrics such that water droplets will easily run off.

There are two versions of TOKO Proof products:

TOKO Eco Proof for the greatest possible environmentally-friendly waterproofing protection. These products have received bluesign®-certification and therefore meet the strictest environmental requirements. TOKO Eco Proof is also significantly easier and more convenient to use than other fluorine-free waterproofing treatments.

TOKO Proof, still the best possible solution for ultimate performance. Thanks to its fluorine components, TOKO Proof is extremely water and dirt-repellent, offering very reliable and long-lasting protection for your equipment.

DESORIENTED COATING After washing - no effect Drops Fibre hairs Fibre

ORIENTED COATING

After heat treatening - with maximum protection effect



APPLICATION:

Hang the clean and dry garment on a coat hanger in a well-ventilated room or in the open air and apply the appropriate spray to the outside surface, using slow and even movements from a distance of around 20 cm. Leave to dry completely.

TIP:

To enhance this waterproofing effect, you can then place the jacket in the tumble dryer for around 5 minutes.



3 TEXTILE CARE





Functional Sportswear Care

- absorb humidity quickly and distribute it over a wide area
- rapidly and feels pleasant and

WITH A NEW ANTI-BACTERIAL, FRESHNESS EFFECT

Thanks to the presence of silver ions, TOKO Functional Sportswear Care combats bacteria and unpleasant smells. The sports underwear stays fresh for longer and is therefore more comfortable to wear. Synthetic fabrics are particularly prone to trapping



The silver ions find their way through the moisture to the bacteria and deactivates them.

perspiration odours - Functional Sportswear Care provides effective protection. The active agent meets the requirements of Öko-Tex Standard 100 classes I to IV, is registered with bluesign[®] and guaranteed to have no harmful effects on the skin (DIN ISO 10993-5).



- 1. Cell membrane is destabilized
- 2. Respiration is blocked
- 3. Acquisition of nutrition is prevented
- 4. Cell division is impossible

2.3 CARE

Functional sportswear optimizes the transport of moisture away from the body and results in a feeling of comfort and wellbeing. Synthetic functional fabrics outperform cotton during physical activities because they are more efficient in transporting moisture away from the body and dry more quickly. However, synthetic fibers are actually hydrophobic, i.e. they repel water. To allow the fabrics to absorb, distribute and permit the evaporation of water, a special coating is applied to them. Following exposure to mechanical strains and repeated washing, this coating wears off and the functional sportswear loses these positive properties.

TOKO Functional Sportswear Care restores the functionality of modern sportswear. The removal of moisture is improved and drying times are reduced. The result is a pleasant, soft feeling during wear. Functional Sportswear Care also has an antistatic effect.

APPLICATION:

Place the functional sports garments in the washing machine as normal, place a suitable detergent, e.g. TOKO Eco Soft Shell Wash, in the detergent compartment and TOKO Functional Sportswear Care in the fabric softener compartment. That's all there is to it!

IMPORTANT!

TOKO Active Dry is not a detergent. It is always added to the soft rinse compartment, so that it comes into contact with the clothes only after the washing process.

Nor should TOKO Active Dry be used on weather protection clothing with active breathing membranes or clothing intended for impregnation after washing.







3.1 CARE

Leather is a natural product. If not regularly cared for, it loses vital natural lubricants and nutrients, becoming hard and brittle, and its appearance is affected. In order to counter this, waxes and oils for shoe care are used. These enable the leather to recover its essential lubricants, stay flexible and maintain that well cared for look.

Top quality wax products maintain upper material flexibility, enabling small cracks to be avoided with regular treatment. Silicon materials provide protection against dirt and moisture. Beeswax additives provide the best possible nutrients for the leather. **TOKO Shoe Care** products provide optimum care and protection for leather shoes against dirt and moisture and TOKO Leather Wax products ensure a clean, flexible elastic finish.

APPLICATION:

- Apply TOKO Leather Wax in a thin layer to clean and dry leather and work in evenly.
- Leave to work for around two hours and then carefully remove any excess wax using a soft brush.

TIP:

Deeper penetration can be achieved by careful blow drying.

ATTENTION:

TOKO Leather Wax can change the appearance of leather. In general, the active ingredients make the leather appear slightly darker and smoother. This effect is particularly noticeable on velours or nubuck leather.





3.2 PROOF & CARE

Shoes, like clothing, must be protected against water, moisture and dirt. The Shoe Care Line of TOKO Proof & Care products is specially designed to meet leather and leather/fabric requirements, guaranteeing optimum protection and ensuring that the shoes are very well cared for, even with regular wear.

The water repellent effect is based on the differential surface tension of the impregnated fabric. The greater the difference in the surface tension of two materials (in our case, fabric surface vs. water droplets), the more pronounced the lyophobic effect between them. TOKO Proof & Care products can alter the surface tension of both leather and textile fabrics such that water droplets will easily run off.

Since moisture and dirt, in particular, adversely

affect the natural advantages of leather such as adjustment to climate and comfortable feel, impregnation in particular should be undertaken with the greatest care.

There are two versions of TOKO Shoe Proof & Care:

TOKO Eco Shoe Proof & Care for the greatest possible environmentally-friendly waterproofing protection. These products have received bluesign®certification and therefore meet the strictest environmental requirements. TOKO Eco Proof & Care is also significantly easier and more convenient to use than other fluorine-free waterproofing treatments.

TOKO Shoe Proof & Care, still the best possible solution for ultimate performance. Thanks to its



fluorine components, TOKO Shoe Proof & Care is extremely water and dirt-repellent, offering very reliable and long-lasting protection for your equipment.

Additional care substances have been added to both versions to keep the leather lastingly soft and flexible.

APPLICATION:

Place the clean and dry shoe in a wellventilated room or in the open air and apply the appropriate spray to the outside surface, using slow and even movements from a distance of around 20 cm. Leave to dry completely.

3.3 FRESH

Human body temperature is regulated by perspiratory glands. 250'000 glands produce a quarter of a litre of sweat a day.

TOKO Eco Shoe Fresh deodorises and banishes unpleasant odours. The product has received bluesign®-certification and is particularly skin friendly. It is simply sprayed directly into the shoe. Regular application helps to keep the inside of your shoes fresh and clean.

APPLICATION:

Spray the product generously into your shoes immediately after wearing. Leave to dry completely.

5 EQUIPMENT CARE

6 PRODUCT OVERVIEW





	WASH	PROOF	CARE Oိ၀ 7777577,	FRESH
	Eco Textile Wash Eco Soft Shell Wash Eco Down Wash Eco Wool Wash	Eco Textile Proof Eco Soft Shell Proof Textile Proof Soft Shell Proof	Functional Sportswear Care	
TEXTILE CARE	WASH WASH 84		CARE	
SHOE CARE		Eco Shoe Proof & Care Shoe Proof & Care	Leather Wax Transparent Silicone Leather Wax Transparent Beeswax	Eco Shoe Fresh
EQUIPMENT CARE		Tent & Pack Proof		

4.1 PROOF

TOKO Proof products also provide optimum protection against rain, moisture and dirt for fabric materials such as tents, rucksacks or bags. Excellent impregnation performance is achieved thanks to special substances ideally suited to top quality fabrics.

Simple handling and measured spray application guarantee optimum protection in small doses. The ability of the fabric to breathe is totally unaffected.

APPLICATION:

Spread out or hang the clean and dry equipment in a well-ventilated room or in the open air and apply TOKO Tent & Pack Proof spray to the outside surface, using slow and even movements from a distance of around 20 cm. Leave to dry completely.



Pcs/Unit: 6 8,45 fl oz



TOKO

5582406



A special environmentally-friendly detergent for sleeping bags and clothing with down or synthetic filling.

FEATURES:

- Optimizes insulation by cleaning and loosening the filling
- Retains the natural protective covering of the filling, due to a special caring agent
- · Also ideal for Merino wool clothing and socks
- · Caring and thorough cleaning by carefully selected, active washing substances
- Contains no dyes, optical bleaches, whiteners or phosphates
- Based on renewable raw materials
- · Very biodegradable
- Also effective at low wash temperatures
- · Dermatologically tested
- Concentrate One bottle is sufficient for around 8 washes



Eco Wool Wash

5582409



A special environmentally-friendly detergent for high-quality wool and merino clothing.

FEATURES:

- Cleans wool and other sensitive textiles with particular care
- Perfect for high-quality sportswear made of merino wool
- A special balsam serves as an intensive treatment for fibres
- Protects against felting and keeps textiles soft and smooth
- Contains no dyes, optical bleaches, whiteners or phosphates
- · Based on renewable raw materials
- Very biodegradable
- · Also effective at low wash temperatures
- · Dermatologically tested
- Concentrate One bottle is sufficient for around 8 washes



Pcs/Unit: 6 8,45 fl oz





6.1 TEXTILE CARE



Eco Soft Shell Proof

TOKO

5582426



Environmentally-friendly waterproofing for high-quality soft shell, fleece and stretch clothing.

FEATURES:

- Ideal for all elasticized fabrics
- Preserves the breathability and elasticity of stretchable high-tech fabrics
- Highly effective thanks to the latest research findings
- Makes the fabric water resistant and dirt repellent
- Environmentally-friendly pump spray without propellant gas
- Free from fluorocarbons
- Biodegradable
- For optimal effect, the waterproofing treatment can be activated in the tumble dryer for 10 minutes



16.91 fl oz Pcs/Unit: 6

Textile Proof

5582420

Intensive waterproofing for high-quality protective clothing.

FEATURES:

- Ideal for breathable and other textile fabrics
- · Preserves the breathability of modern membrane textiles (e.g. GORE-TEX®)
- Latest research findings guarantee best possible impregnation values
- · Makes the fabric water resistant and dirt repellent
- Simple to use and goes a long way



Pcs/Unit: 6 8,45 fl oz

16,91 fl oz Pcs/Unit: 6



Door







Pcs/Unit: 6

5582421

Intensive impregnation for Soft Shells, fleece and stretch clothing.

FEATURES:

- Ideal for all elasticized fabrics
- Latest research findings guarantee best possible impregnation values
- · Makes the fabric water resistant and dirt repellent
- · Simple to use and goes a long way







Environmentally-friendly waterproofing and care for sports, hiking and leisure shoes.

FEATURES:

- Makes the leather and fabric water resistant and dirt repellent
- Preserves the breathability of modern membrane textiles (e.g. GORE-TEX®)
- Highly effective thanks to the latest research findings
- Special nutrients preserve flexibility and care for the outer material
- Increases the life of the shoes
- Environmentally-friendly pump spray without propellant gas
- Free from fluorocarbons
- Biodegradable



16,91 fl oz Pcs/Unit: 6

Door

Shoe Proof & Care



5582424

Intensive waterproofing and care for sports, hiking and leisure shoes.

FEATURES:

- Makes the leather and fabric water resistant and dirt repellent
- Preserves the breathability of modern membrane textiles (e.g. GORE-TEX[®])
- Latest research findings guarantee best possible impregnation values
- Special nutrients preserve flexibility and care for the outer material
- Increases the life of the shoes
- Simple to use and goes a long way



8,45 fl oz Pcs/Unit: 6

8.45 fl oz

Leather Wax Transparent – Silicone

5582440



Intensive care wax with silicone for high use sports and hiking shoes made of leather.

FEATURES:

- Silicon additives give reliable protection against water and dirt
- Special nutrients preserve flexibility and care for the outer material
- Increases the life of the shoes
- User-friendly application, thanks to tube with integrated sponge

Eco Shoe Fresh



Pcs/Unit: 6

4,23 fl oz

5582434

Highly effective fresh spray with antibacterial active agent for all types of shoes.

FEATURES:

- Antibacterial active agent neutralizes unpleasant odours
- Disinfecting action
- Fresh, pleasant fragrance
- Regular application ensures permanent freshness
- Simple to use and goes a long way
- Environmentally-friendly pump spray without propellant gas
- Dermatologically tested



2,54 fl oz Pcs/Unit: 6

Leather Wax Transparent – Beeswax

5582441



Intensive care with beeswax for high use leather sports and hiking shoes.

FEATURES:

- Beeswax offers natural protection against water and dirt
- Special nutrients preserve flexibility and care for the outer material
- Increases the life of the shoes
- User-friendly application, thanks to tube with integrated sponge

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2,54 fl oz Pcs/Unit: 6





5582450



Intensive impregnation for tents, backpacks and bags.

FEATURES:

- Makes the fabric water resistant and dirt repellent
- Latest research findings guarantee best possible impregnation values
- Very high abrasion resistance
- Ideal for large areas of fabric

-

TOKO

High Fluora

20 g 2111

TOKO

• Simple to use and goes a long way





-

TOKO

TOKO



... EVEN FASTER!

AS OF WINTER 2012/2013: THE NEW HOT WAX LINE WITH TRIBLOC TECHNOLOGY.

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