

OPTIMAKIMYA
OPTIMUM CHEMISTRY

DENIM SOLUTIONS

ADVANCED CHEMICAL SOLUTIONS
FOR DENIM PROCESSING

YOUR RELIABLE
GLOBAL BUSINESS PARTNER,
WITH OPTIMUM SOLUTIONS



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ABOUT US

OPTİMA KİMYA



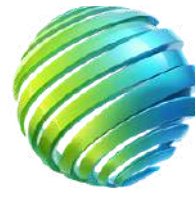
With over 25 years of technical expertise and industry experience, Optima Kimya provides high-performance and innovative solutions for the textile auxiliary chemicals industry.



Operating from its 14,000 m² modern facility in Ergene, Tekirdağ, Optima Kimya continuously develops its products through advanced production technologies, R&D, application and quality control laboratories, supported by an experienced team.



With environmentally friendly and sustainable products that comply with international standards, Optima Kimya delivers optimum solutions and long-term customer satisfaction to customers worldwide.



OPTİMAKİMYA
OPTIMUM CHEMISTRY



YOUR GLOBAL PARTNER IN TEXTILE CHEMICALS



Optima Kimyevi Maddeler San. Tic. A.Ş.

Ulaş OSB Mh. D100 Cd. No:99/1 Ergene/Tekirdağ/Turkey



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DENIM SOLUTIONS

Advanced Chemical Solutions
for Denim Processing



Your



RELIABLE



SUSTAINABLE



GLOBAL

business partner

OPTIZYME SWF

WATER- AND STONE-FREE
SUSTAINABLE ENZYME

Composition

Cellulase enzyme derivatives

Properties

- Provides the traditional stone-wash appearance without using pumice stones or excessive amounts of water, while helping minimize environmental impact.
- Increases the mechanical abrasion of indigo and accelerates the fading effect on denim.



Usage

Dosage: 1–2%
Temperature: 55–60 °C
pH: 6–7.5
Time: 20–60 min.



Packaging

Packed in 25 kg plastic bags and 120 kg drums.

OPTISOL LP

LYCRA PROTECTOR

Composition

Anionic Colloidal Silica

Properties

- In addition to its lycra-protective properties, it improves the anti-creasing performance of fabrics.
- It does not negatively affect the soft handle of the fabric.
- It is readily soluble in water.
- It is compatible with anionic and nonionic finishing agents of the same ionic character.



Usage

Dosage: 20–50 g/L



Packaging

It is packed in 60 kg plastic drums, 120 kg drums, or 1-ton IBC containers.

OPTIZYME LOC

LASER-OZONE COMBINED ACTIVATOR

Composition

Synergistic blend of polymeric acids and surfactants.

Properties

- A special combination product that combines laser and ozone properties.
- It is suitable for fabrics containing elastane.
- It helps reduce energy consumption.
- It provides a clear and bright bleaching effect on denim fabrics and improves the marble effect.



Usage

Dosage: 30 g/L



Packaging

Packed in 25 kg plastic bags and 120 kg drums.

NOTE: The specified dosage rates are recommended standard values. The actual dosage may vary depending on the type of product, fabric weight, process temperature and pH conditions, as well as the machinery and equipment used. More detailed technical information is available in the Technical Data Sheets (TDS) of the products.



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OPTIBRIGHT PWD

INORGANIC MATERIAL FOR
SNOW-WASH EFFECT

Composition

Inorganic Mixture Containing Oxidizing Agents

Properties

- It is designed for sustainable bleaching processes and provides full performance under cold conditions without heating.
- It saves energy and time.
- It delivers optimum results after desizing and stone washing and provides an acid-wash effect on sulfur- and indigo-dyed fabrics.



Usage

Snow Wash:
OPTIBRIGHT PWD: 10–30%
Time: 20–30 min.
Apply directly and evenly
onto wet garments.



Packaging

It is packed in 60 kg
drums.

OPTIBRIGHT ZIM

SPRAY BLEACHING AGENT

Composition

Mixture of Oxidizing Agents

Properties

- It is a high-performance bleaching agent with excellent bleaching properties, designed to work under hot conditions.
- It has been specially developed for spray bleaching processes and can also be used in cold processes.



Usage

For the dipping process, in
addition to 180 g/L
OPTIBRIGHT ZIM, add:
OPTICAT PS: 35 g/L
Hydrogen Peroxide: 35 g/L



Packaging

It is packed in 60 kg
drums.

OPTISOFT EQ CONZ

ANTI-OZONE SOFTENER

Composition

Ester Quaternary Ammonium Salt

Properties

- It provides excellent softness and a smooth handle on all types of fibers, especially cotton and its blends.
- It provides an anti-ozone protective effect, reducing ozone-induced color fading, particularly in dark and black textile shades.
- It shows no tendency to yellow even at high temperatures.
- It improves sewing performance and reduces fabric friction.



Usage

Dosage:
Padding: 10–20 g/L
Exhaust process: 2–4%



Packaging

It is packed in 60 kg
plastic drums, 120 kg
drums, or 1-ton IBC
containers.

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OPTISOL ZP

ZIPPER PROTECTOR

Composition

Tolyltriazole derivative, sodium salt-based corrosion inhibitor

Properties

- Helps protect metal zippers and accessories against corrosion.
- Reduces oxidation-related surface damage and the risk of discoloration and tarnishing.
- Helps minimize the effects of wet textile processing conditions on metal components.



Usage

Used in textile wet-processing baths to protect metal zippers, depending on the required level of protection.



Packaging

It is packed in 60 kg plastic drums, 120 kg drums, or 1-ton IBC containers.

OPTICLEAR PWR

BLEACHING DETERGENT

Composition

Alkaline Mixtures

Properties

- It is a non-toxic, odorless white powder or crystalline product.
- It provides strong wetting and emulsifying effects and keeps impurities suspended.
- It is used as a bleaching and dye stabilizing agent in textile processes.
- It has high active alkalinity and pH buffering capacity.



Usage

For dark shades, use at 1/5–1/6 of the soda dosage. First dose 2 g/L soda, followed by 4–6 g/L of the product, both linearly.



Packaging

Packed in 25 kg plastic bags and 120 kg drums.

OPTICLEAR PPI

POTASSIUM PERMANGANATE INHIBITOR

Composition

White crystalline form of sulfate mixtures.

Properties

- It is an excellent cleaning agent that neutralizes potassium permanganate residues on denim garments.
- Effective at very low dosages and easy to use.
- It provides a clean, white and bright appearance after neutralization and removes dirty brown stains caused by potassium permanganate bleaching.



Usage

Dosage: 0.2–0.5%
Bath pH: 4.5–5.5
Temperature: 30–40 °C
Time: 15–20 min.



Packaging

It is packed in 60 kg drums.

NOTE: The specified dosage rates are recommended standard values. The actual dosage may vary depending on the type of product, fabric weight, process temperature and pH conditions, as well as the machinery and equipment used. More detailed technical information is available in the Technical Data Sheets (TDS) of the products.



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