

COREOXIDE S

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Function:	Combined bleaching agent for continue/discontinue processes
Chemical Character:	Combination of hydrogen peroxide, and bleaching auxiliary agents.
pH value (%10 solubility):	5,0 – 8,0
Specifit Weight (at 20 °C):	1,15 – 1,17 g/cm ³
Appearance:	Colourless/Clear liquid.

STABILITIES

COREOXIDE S

- ✓ Product should be stored away from bases and heat. It should be stored at room temperature

STORAGE LIFE

COREOXIDE S

- ✓ Storage life in suitable conditions is 12 months

PROPERTIES

COREOXIDE S

- ✓ Combined bleaching agent, used for cotton and mixtures of cotton fibers
- ✓ Prevents weight loss of fabric during bleaching process.
- ✓ Doesn't cause fabric damage during continues and discontinues bleaching process.
- ✓ Including concentrated peroxide therefore it is not need to use peroxide at bleaching process.
- ✓ Prevents fast reaction peroxide and NaOH so it prevents fabric damages in bleaching process.
- ✓ Prevents peroxide loss during storage.
- ✓ Prevents metal contamination of peroxide during storage.
- ✓ It doesn't contain APEO, totally ecological.
- ✓ It has high storage stability and storage process.
- ✓ Suitable for automation
- ✓ It has GOTS certification.
- ✓ It is a patented product.

APPLICATION TECHNIQUES

COREOXIDE S

Dilution Instructions

COREOXIDE S can be diluted with water in any ratio.

Application Instructions

Used in Viscose dye/print and optical bleaching processes for cotton and mixtures. It has been developed for bleaching discontinue processes for yarn woven and knitted fabrics.

Jet Dyes and Print Bleaching Process:

- % 2.0-3.0 NaOH 48 Be
- % 2.0-3.0 COREOXIDE S
- 1.0-2.0 g/l Wetto LFO
- 90-130 C 30-60 minutes
- Liquor: 1:6-1:10
- Hot and cold rinses

Optical Bleaching Process:

- % 3.0-5.0 NaOH 48 Bé
- % 5.0-8.0 COREOXIDE S
- 1.0-2.0 g/l Wetto LFO
- 90-130 C 30-60 minutes
- Liquor: 1:6-1:10
- Hot and cold rinses

APPLICATION PROPOSALS

Products	Pad-Steam	Pad-Batch	Pad-Roll
Wetto LFO ml/L		0,5 – 2,0	
NaOH 48 Be ml/L	10 - 40	20 - 50	10 - 20
COREOXIDE S ml/L	20 - 60	30 - 80	10 - 40
Pick Up %	100	100	100
Process Temperature	20 – 40 C	20 – 40 C	20 – 40 C
Standby Temperature	102 C	operating conditions	90 – 98 C
Standby Time	4 – 20 min	12 – 24 hour	20 – 120 min

FE AND CA BINDING CAPACITIE

COREOXIDE S

HAMPSHIRE METHOD

	Fe ⁺⁺⁺ Binding	Ca ⁺⁺ Binding
COREOXIDE S	240 mg/g	40 mg/g

*The amount of Coreoxide S used for total ion binding values is multiplied by the above values.

- Information on safety features can be found in the Material Safety Data Sheet.
- We reserve the right to make changes in product and prospect.
- Our departments are always ready for service for more information and suggestions on usage techniques.
- Our company is not liable for any damages arising from external applications that are recommended for use.