



# OUTLINE

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# NAIA ACETATE

*Naia*<sup>TM</sup>  
**PRODUCTION  
PROSESS**

*Naia*<sup>TM</sup>  
**FEATURE**  
-Luxurious  
-Comfortable  
-Easy-care

*Naia*<sup>TM</sup> **CERTIFICATION**  
-Sustainable  
--Return to nature  
-Safe and environmentally  
sound chemical use  
-A low-impact manufacturing  
process

*Naia*<sup>TM</sup>  
**PRODUCTS  
GREENERY  
CS2474**



The process starts with **pine and eucalyptus wood** sourced exclusively from sustainably managed and certified\* forests and plantations in North America, Western Europe, and Brazil.



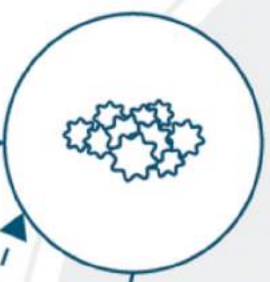
**WOOD PULP**

Sustainably sourced wood is turned into wood pulp, ready to enter the Naia production process in **Eastman's safe and eco-friendly facility** in the U.S., where 100% of Naia is produced.

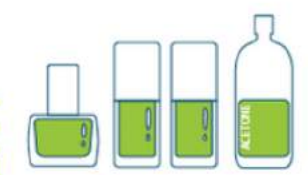


Wood pulp is combined with acetic acid to make cellulose acetate granules.

**CELLULOSE ACETATE GRANULES**



**SAFE & SOUND USE SOLVENT**



Handled safely in a closed-loop process, the granules are dissolved in acetone to make cellulose acetate dope solution.

**DRY**

The dope is finally spun through tiny holes in a spinneret and air-dried to form cellulose acetate fiber. Dry spinning Naia does not require any water. The dope is finally spun through tiny holes in a spinneret and air-dried to form cellulose acetate fiber. Dry spinning Naia does not require any water.



Solvents used in the process are **recycled back into the system** for reuse with no release into the environment. Used water is cleaned and returned to the source with routine testing to ensure thriving biodiversity in the local river.



**CLOSED LOOP PRODUCTION PROCESS**

# Naia™ PRODUCTION PROCESS

From tree to fiber, the Naia production process is designed to ensure the lowest environmental impact. With an extremely low water footprint, Naia uses only sustainably sourced wood and safe solvents which are recycled and reused.

PHOTO /NAIA WEBSITE

# LUXURIOUS



## SILKY SOFT HAND

Naia was selected as feeling softer than viscose and cupro.

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## VERSATILE APPEARANCE

Naia brings versatility to fabrics in lustrous or matte finishes. Naia brings versatility to fabrics in lustrous or matte finishes.

**Naia** is 1.4x more lustrous than nylon, modal, and viscose.



## BEAUTIFUL DRAPE

Enables effortless fabric drape to accentuate silhouettes

# COMFORTABLE



PHOTO/NAIA WEBSITE /PINTEREST



- **NATURAL BREATHABILITY**

The natural breathability translates into fabrics that allow moisture to pass through. Naia fabrics are up to 2x as breathable as nylon, modal, and cotton.

- **QUICK DRYING**

Stay comfortable with quick-drying garments made with Naia. Naia dries quicker than nylon and viscose and as quickly as polyester.

- **COOL TO TOUCH**

Coolness is inherent to Naia cellulosic yarn; this benefit won't wash off or fade from fabrics over time.

- **HYPOALLERGENIC**

Skin friendly due to the hypoallergenic nature of the yarn. More than 200 people wore Naia fabric intermittently over a 3-week period, and no one experienced an adverse reaction.

- ***DIMENSIONAL STABILITY***

Wash Naia knit fabrics with NO fear of shrinkage and stretching.

- ***WRINKLE RECOVERY***

Testing shows Naia enables knit fabrics to have excellent wrinkle recovery when compared to viscose and nylon

- ***EASY STAIN REMOVAL***

Tough stains are easily washed away with Naia. NAIA knit fabrics can be washed at home to easily remove tough stains like coffee and red wine.

- ***PILLING RESISTANT***

Wear your favorite garments with Naia with no fear of pilling.



# EASY-CARE



PHOTO/NAIA WEBSITE /PINTEREST

***Eastman Naia cellulosic fiber is made with wood pulp from pine and eucalyptus trees. Eastman has achieved FSC® and PEFC™ Chain of Custody certification ensuring the traceability of raw materials through the supply chain back to the forest. Eastman has published its commitment to sustainable sourcing in the Sustainable Dissolving Wood Pulp Sourcing Policy.***

# SUSTAINABLE



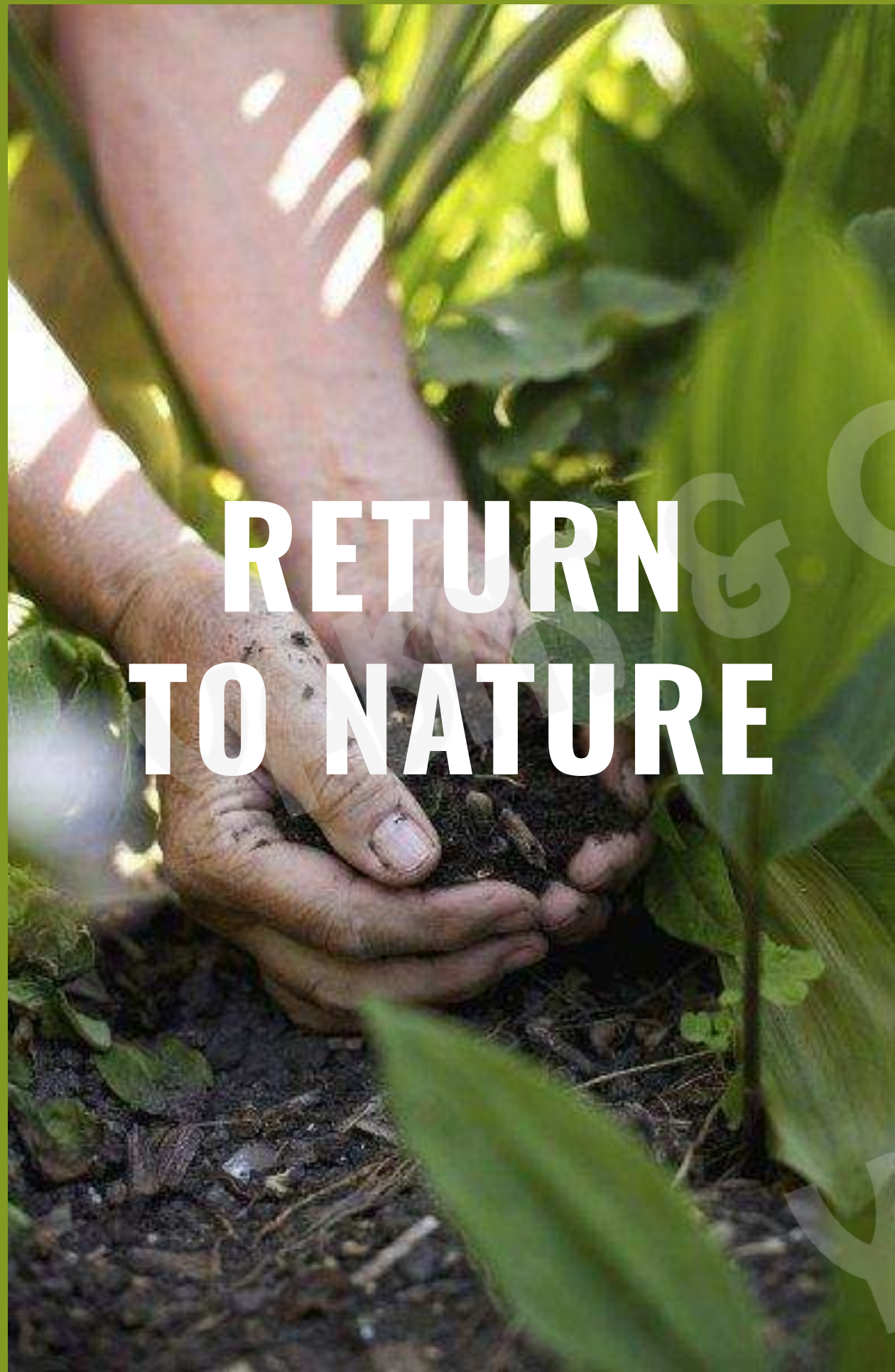
Forest Stewardship Council® (FSC) certifies items sourced from forests and offers traceable forest production chains to ensure no deforestation of protected and ancient forests.



The Programme for the Endorsement of Forest Certification (PEFC) certifies traceable forest production chains to ensure no deforestation of protected and ancient forests.



The USDA (United States Department of Agriculture) biobased product certification identifies the amount of product derived from plants and other natural renewable products, such as wood.



# RETURN TO NATURE

## SAFE AND ENVIRONMENTALLY SOUND CHEMICAL USE



*TUV AUSTRIA's OK environment product verification marks offer a customized certification label for each biodegradation environment.*

## RETURN TO NATURE



To reassure customers about the safety of garments made with Naia fiber, all Naia cellulosic fiber is OEKO-TEX® Standard 100 Product Class I certified. This means Naia is skin-friendly and

## A LOW-IMPACT MANUFACTURING PROCESS



Naia is favorably ranked on the Higg Materials Sustainability Index (Higg MSI) to show its environmental impacts compared to other types of fibers.

The Sustainable Apparel Coalition (SAC) Higg MSI is used in the apparel industry to compare the environmental impacts of different fibers from a life cycle perspective.



# GREENERY/CS2474

3/75NM 100% NAIA ACETATE

NAIA ACETATE originates from the sustainably managed pine and eucalyptus forests. Eastman NAIA ACETATE holds many certifications such as FSC, OEKO-TEX and TUV AUSTRIA. The raw materials can be traced from the supply chain to the forest farm, and can be degraded. The recycling and disposal of chemicals ensure safety.

ACETATE acetate fiber, also known as beauty fiber, possesses a luxurious, soft and silky feel. The fabric is bright and natural, breathable, quick-drying, easily repels moisture, and is stable in size. It does not easily pill and is easy to clean and take care of.

PHOTO/PINTEREST



**Thank You!**

YARNS&COLORS