

### CORIPOL<sup>®</sup> ESA-N – polymer enhanced softening agent with excellent milling properties

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#### Features

CORIPOL<sup>®</sup> ESA-N is a red-brown slightly turbid liquid, based on a combination of natural and synthetic substances.

**Charge:** anionic

**Light fastness:** very good

**Heat resistance:** very good

**Handling & storage:**

Wear goggles and gloves during handling. ALWAYS STIR WELL BEFORE USE and close containers tightly afterwards.

Can be stored for about 1 year (from date of production) if kept at room temperatures. If product becomes frozen, warm to approx. 20°C and stir well before use.

**Method of diluting:**

CORIPOL<sup>®</sup> ESA-N is diluted by stirring 4 parts water at 50°C into the product.

**Stability:**

CORIPOL<sup>®</sup> ESA-N is stable in the presence of anionic dyestuffs, vegetable and synthetic tanning agent and chrome salts, (in normal concentrations).

CORIPOL<sup>®</sup> ESA-N is however sensitive to low bath pH values and should be applied at pH's > 4.

#### Benefits

CORIPOL<sup>®</sup> ESA-N provides the following main benefits to the leather:

- Uniform milling pattern
- Excellent light and heat fastness
- Good grain tightness
- Good degree of softness

Other benefits:

- Very clear, clean pearl crust
- Good fogging values (gravimetric)
- Neutral odour
- Slightly silky handle
- Shiny two way nap on nubuck and split, without smearing
- Low specific weight
- Minimum plumping effect, resulting in tight and flat leathers

#### Application

CORIPOL<sup>®</sup> ESA-N can be used alone or in combinations for shoe, handbag and automotive articles, as well as all other soft leather articles from wet blue or wet white.

*See application recommendations on page 2...*

**CORIPOL<sup>®</sup> ESA-N – Application cont...**

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Depending on the requested article, the following combinations are recommended:

Wet blue & FOC based automotive leather:

1 - 3 % CORIPOL<sup>®</sup> ESA-N as pre-fatliquor in the neutralization stage

2 - 4 % CORIPOL<sup>®</sup> ALF

6 - 8 % CORIPOL<sup>®</sup> ESA-N as main fatliquor

- For enhanced inner softness increase the amount of CORIPOL<sup>®</sup> ALF or apply MAGNOPAL<sup>®</sup> SOF
- For enhanced fine and regular milling pattern the amount of CORIPOL<sup>®</sup> ESA-N can be increased

Shoe nappa :

1 – 3 % CORIPOL<sup>®</sup> ESA-N as pre-fatliquor in the neutralization and

2 – 4 % CORIPOL<sup>®</sup> BZE-N

6 – 8 % CORIPOL<sup>®</sup> ESA-N as main fatliquor

Split :

2 – 4 % CORIPOL<sup>®</sup> SV

6 – 8 % CORIPOL<sup>®</sup> ESA-N as main fatliquor

CORIPOL<sup>®</sup> ESA-N should be mixed with companion fatliquors and be diluted 1:4 with water at 50°C before addition to the drum

**Trade form at 20°C** slightly turbid viscous liquid

**Appearance at 20°C** red-brown

**Water Content (%)** approx. 50%

**pH - Value (10%)** approx. 6.0

This information is for guidance only.  
A Product Specification is available on request.