



**CLEANER, FASTER, FOR LONGER**

## **Cartaspers® PSM liq**

- / Reduced downtime
- / Better drainage
- / Longer lifetime of wires and felts
- / Up to 90% reduction of cleaning solvents



# / CARTASPERS® PSM liq

Cartaspers PSM liq helps the paper-makers to enhance the performance and the sustainability of their production processes. Sticky contamination of machinery is minimized, practically eliminating down time for cleaning. Solvent usage, for dissolving and removing the contamination, can be reduced by up to 90%.

The unique chemistry of the product, with its low foaming tendency and minimal effect on other papermaking additives, is far more effective than conventional surfactants or hydrophilic polymers such as polyvinylalcohol, carboxymethylcellulose or hydroxyethylcellulose.

## Key benefits

- > Reduced downtime
- > Better drainage
- > Longer lifetime of wires and felts
- > Up to 90% reduction of cleaning solvents

## Pulping and fibre preparation

- Pitch dispersion during pulp washing
- Improved washing of recycled fibre
- Passivation of contraries in recycled process water

## Wet-end applications

- Wire and machine felt conditioning
- Stickies passivation and control
- Dispersion of synthetic fibre (non-woven applications)

## Surface treatment

- Improved printability for low surface energy papers
- Decreased surface resistivity (antistatic effect)
- Enhanced inter-coat adhesion

This patented product is applied to machine clothing in the form of a diluted solution. Added continuously to the shower water, the fabric monofilaments are encapsulated by a "protective hydrophilic polymer layer". On each revolution of the papermaking fabric, the contamination is easily washed away and a fresh layer of product applied.

The nonionic nature of **Cartaspers PSM liq** ensures compatibility with a wide variety of anionic and cationic additives commonly encountered. Hard water and the presence of multivalent cations do not affect the performance of the product.

Further crucial competitive advantages of the product are its safety and its eco-friendliness:

It is **FDA compliant** (Food & Drug Administration; important for the use in food packaging applications), **BfR compliant\*** and is in line with the eco labels **NORDIC SWAN**, and **EU Ecolabel** (EUFlower).

\* Product Cartaspers PSM New liq

[www.pp.archroma.com](http://www.pp.archroma.com)

**ARCHROMA MANAGEMENT LLC**  
Packaging and Paper Specialties  
Neuhofstrasse 11  
4153 Reinach  
Switzerland

[paper@archroma.com](mailto:paper@archroma.com)

For additional technical service and/or laboratory assistance, contact your local Archroma representative or the Archroma Paper Department.

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