HAARLA OY & HTH BIOPOLYMER

Biopolymeerejen hyödyntäminen vesienkäsittelyssä ja ravinteiden kierrättämisessä (BioP)
Seminaari 20.11.2019
1. About Haarla
2. Biopolymers in water treatment
3. Contact
THE GOOD CHOICES

HAARLA - Family business from Finland with over 50 years of industry experience

TODAY

30 professionals, focusing on sustainable business and operation for optimal processes in Tampere (HQ), Gothenburg, London, Tallinn and Qingdao.

Handling about 300,000 tons chemicals per year via one of our 20 stocks or directly to customer.

Having about €40 mill turnover (2018).
SERVING INDUSTRIAL PROCESSES

WITH RAW MATERIALS & TECHNOLOGY

We learn and share understanding of individual differences and common processes by involvement.
BIOPOLYMERS – POLYMERS OF THE FUTURE

Biodegradable treatment solution for water supply and waste water purification.
Biopolymer application segments:

Biopolymer HTH acts as an agent in a large spectrum of applications bringing competitive edge on the market.

- Drinking water
- Food industry
- Municipal sewage
- Synthetic rubber industries
- Oily water emulsions
- Metal-mechanic industries
- Mining waste water
- Slaughterhouses
Key Benefits of HTH biopolymer:

• Biopolymer does not consume the alkalinity of the working environment.
• Biodegradable, does not concentrate in the sludge generated during treatment.
• Combines itself with dissolved metals, acting frequently as a chelating agent.
• Completely soluble in water.
• Effective on wide pH range between pH 4-9.
• Presents low toxicity and does not require greater safety procedures or extra care during handling.
Mining application:
Low cost investment and easy to use

- Pumping booth and entry chamber
- The discharge pipe
- Miningwater entry pipe
- Biopolymer application
Our water treatment solutions

Raw materials and technology:

- Deliveries in tanks, IBCs, drums, bags…
- Activated carbon
- Ion exchange resins
- Polymers & Biopolymer
- Coagulants
- Water softener salts
- Chemical additives
- Technical support
TOGETHER – FOR SUSTAINABLE FUTURE & GREEN BUSINESS

We’d love to share our knowledge and expertise.

haarla.fi

For further information about our Biopolymers and other solutions you can contact:

Arto Kovalainen
tel. +358 50 558 0448
email: arto.kovalainen@haarla.fi

Markus Peräkylä,
tel. +358 40 723 5262
email: markus.perakyla@haarla.fi