

pmc  **ouvrie**™

The European Defoamer Specialists



pmc ®

Our Services

Field Expertise

Our sales team can place its resources at the service of industry in order to find solutions to specific problems. More than 100 new products are developed each year, in partnership with our clients.

We remain at your disposal to ensure the smooth development, implementation and follow-up of our defoamer products, also to optimize their performance wherever possible.

Flexibility in Production

With a storage capacity of 6,000 T (bulk) and warehousing facilities of 8,000 m², PMC Ouvrie is in a position to offer its clients both flexibility in production and guaranteed lead and delivery times.

Our numerous production facilities and the flexibility they offer also means added security for our clients.

Production Site

Situated to the south of Lille (France), PMC Ouvrie possesses production facilities covering a wide range of production processes:

- Saponification
- Esterification
- Powder impregnation
- Simple blends (Kosher + Halal)
- Phosphation
- Dispersion
- Emulsion of silicon and fats

PMC Ouvrie was founded in 1880. With experience spanning more than a century, the company is one of the major actors in the formulation of defoamers and technological auxiliaries for all industry sectors.

Situated in the heart of the largest food producing region in Europe, at a major international crossroads (Paris – Brussels – London – Amsterdam – Hamburg), PMC Ouvrie is in a position to ensure prompt deliveries to any destination.



Product Range

Defoamers - Liquid

PMC Ouvrie has developed a wide variety of liquid defoamers in recent years, including natural and esterified surfactants.

Refined fatty acid surfactant blends meet the all European food contact standards. Wax and silica dispersion meet non-food application standards for biodegradability.

Also, PMC Ouvrie developed a wide range of food and non-food silicone emulsions.



Defoamers - Powder

PMC Ouvrie has a wide range of powder defoamers for use in the construction industry, customizable to the specific requirements dictated by customer equipment.

Specialty Esters

PMC Ouvrie has a diverse catalog of esters for use in food production, biotechnology, cosmetics, textiles and lubricants.



With years of experience in the food industry, PMC Ouvrie has developed a wide range of defoamers that comply with international quality standards.



Potato & Starch

PMC Ouvrie's EROL™ defoamers control foam during the following manufacturing processes:

- Processing of potatoes into fries, chips, flakes, and granules.
- Starch extraction from wheat, corn, potato, and cassava.
- Extraction of proteins from oilseeds, peas, cereals and alfalfa.



Sugar Refineries & Distilleries

PMC Ouvrie defoamers EROL[™], BIOSPUMEX[™] and CLEROL[™] eliminate foaming commonly encountered in sugar production and commercial distillation and minimize plant downtimes.

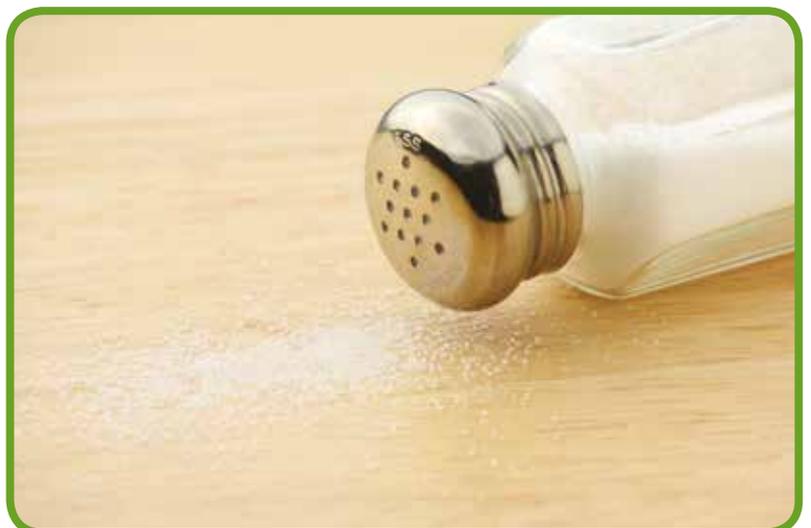


Vegetable Processing

PMC Ouvrie's EROL[™] defoamers control foam production in commercial vegetable processing, from transport, to washing and blanching and final packaging.

Other Applications

PMC Ouvrie's range of EROL[™] and DELCLEAN[™] antifoam agents are used in commercial salt production, meat processing, animal feed production, and animal protein extraction and processing.



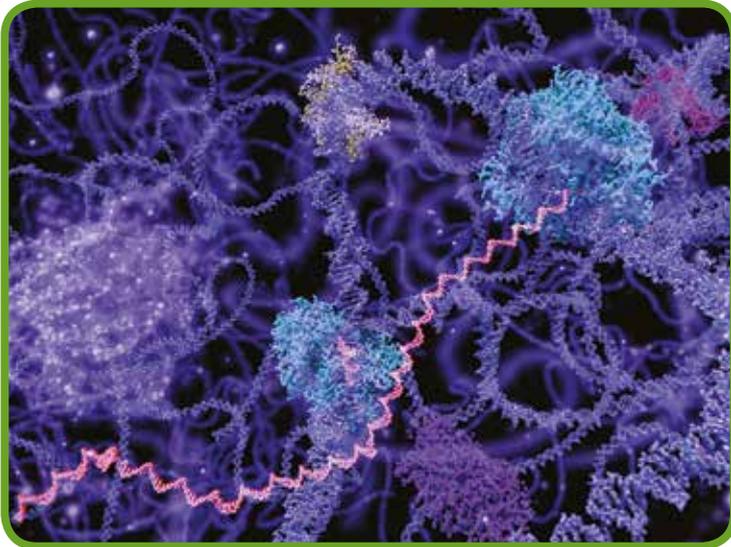


The low toxicity and specificity of PMC Ouvrie defoamers EROL™, BIOSPUMEX™ and CLEROL™ make them ideal for use in food and pharmaceutical industries to control the foaming common in the production of yeast, nutritional additives, amino acids, enzymes, antibiotics and vitamins.

Amino Acids

Amino acid production by microorganisms like yeast causes considerable foaming. PMC Ouvrie defoamers EROL™, BIOSPUMEX™ and CLEROL™ help stabilize the process while maintaining yields due to their non-toxic formulation.



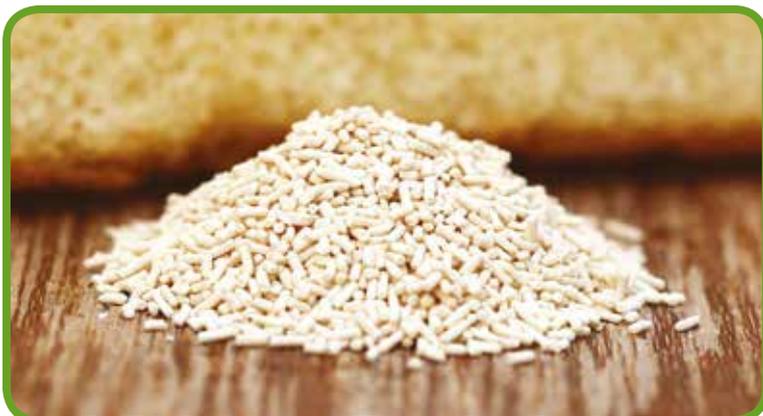


Enzymes

PMC Ouvrie defoamers EROL™, BIOSPUMEX™ and CLEROL™ are specifically adapted for use in biotechnologic enzyme production.

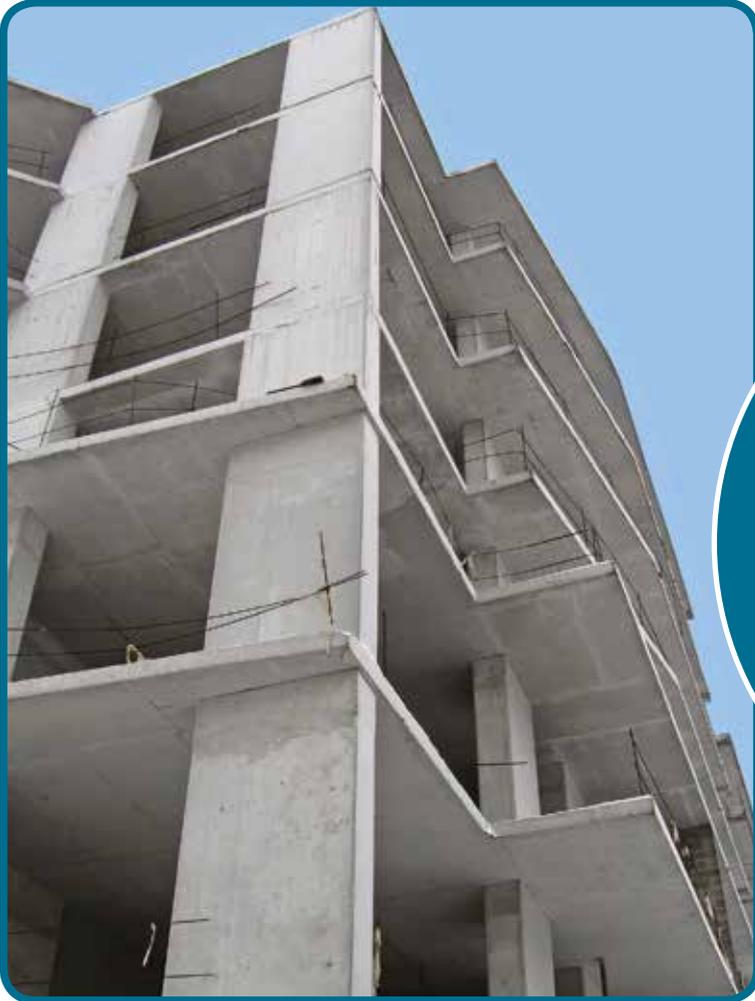
Vitamins

Biotechnologic vitamin production generates a compact foam as a byproduct. PMC Ouvrie defoamers EROL™, BIOSPUMEX™ and CLEROL™ will help yields within production tolerances.



Yeast

PMC Ouvrie defoamers EROL™, BIOSPUMEX™ and CLEROL™ are ideal for use in various food industries for the production of additives and ingredients due to their non-toxicity.



PMC Ouvrie defoamers EROL™ & DELFOAM™ defoamers minimize foaming commonly encountered in the production and application of mortars, adhesives and plasters.

Industrial Mortars

PMC Ouvrie defoamers EROL™ & DELFOAM™ improve the structure and adhesion of industrial mortars by minimizing foaming-related issues.

Compatible for co-use with most common super-plasticizers and anti-shrinkage agents.





Gypsum & Plaster

PMC Ouvrie defoamers EROL™ & DELFOAM™ improve the homogeneity of the finished products by significantly reducing foam air entrapment.



PMC Ouvrie
defoamers EROL™
& DELFOAM™ work to
minimize foaming throughout
the paper making process,
from preparation of pulp to
the treatment of waste water
passing through machinery
and coating application
processes.



Paper

PMC Ouvrie defoamers EROL[™] & DELFOAM[™] work to minimize foaming throughout the paper making process, from preparation of pulp to the treatment of waste water passing through machinery and coating application processes.

This range of defoamers includes:

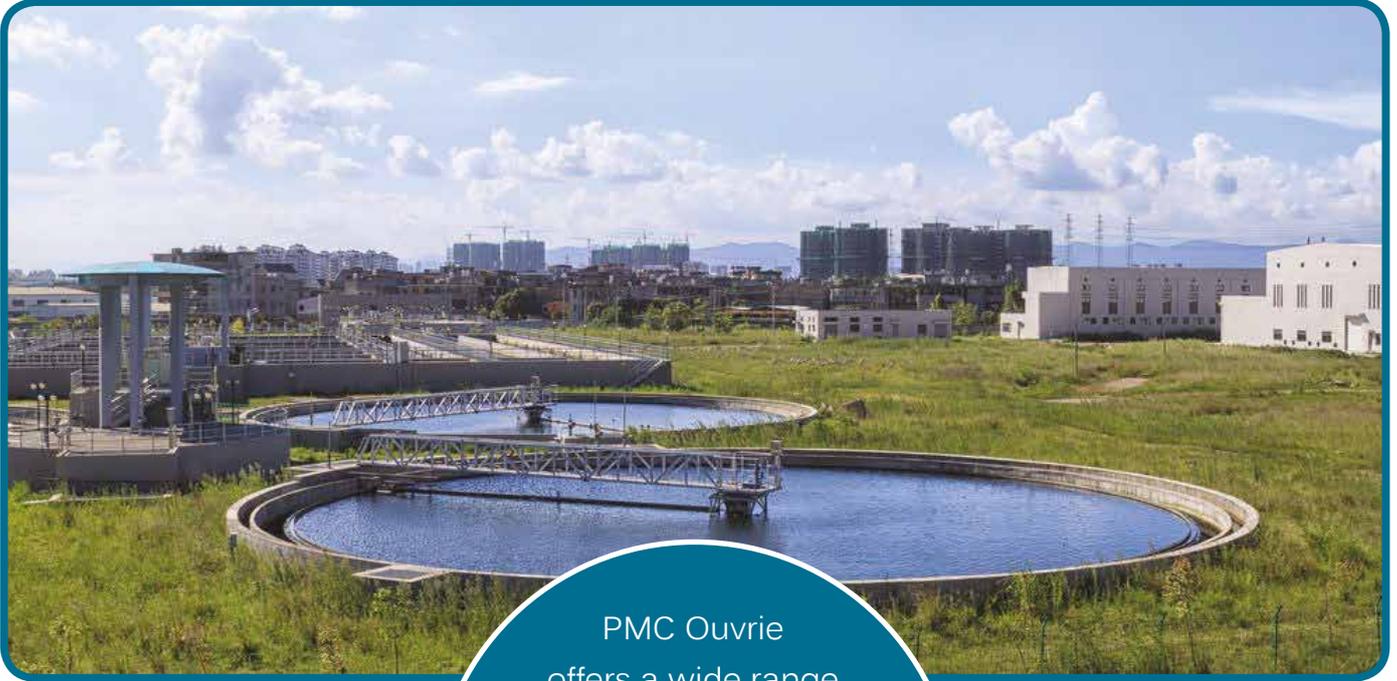
- Fatty alcohol aqueous emulsions: for the treatment of the wet end and the treatment of waste water
- Synthetic mixtures: for the treatment of the wet end, coating application and wastewater treatment.
- Oily dispersions: for the preparation of the pulp, including washing, bleaching, and evaporation control.

Pulp

Oily dispersions: for the preparation of pulp, including washing, bleaching, and evaporation control.



Wastewater Treatment



PMC Ouvrie offers a wide range of products designed to prevent foaming-related overflow problems in aeration tanks while working to maintain ideal levels of dissolved oxygen.

Paint Booths

PMC Ouvrie has developed a wide range of silicone free polyols specifically formulated for their foam suppressing action.





Wastewater

PMC Ouvrie has developed a wide range of antifoamers — esterified polyols, aqueous emulsions of fatty alcohols and silicone-based products — to treat foaming in the oxygenation basin.

These defoamers have been specially formulated to not interfere with dissolved oxygen levels. They have minor environmental impact due to low toxicity and good biodegradability.

Other Industries

PMC Ouvrie has a wide range of defoamers able to meet specific customer problems in all the most sophisticated application areas.



Coatings, Adhesives & Sealants

PMC Ouvrie's EROL™ & DELFOAM™ defoamers can prevent foaming-related problems in the production of flexible or rigid surface coatings, such as stains, paints, coatings, and plaster.

Leather & Textiles

PMC Ouvrie defoamers EROL™ & DELFOAM™ are used to eliminate foaming during all stages of leather and textile production.



Detergents

PMC Ouvrie defoamers EROL™ & DELFOAM™ are used primarily during cleaning phases and in wastewater treatment, significantly reducing the amount of water used during CIP (Cleaning Process). They also can be used in detergents formulation in order to control foaming of complete final products.



Metalworking

PMC Ouvrie's EROL™ defoamers have excellent wetting and dispersion properties to minimize foaming that occurs during the various stages of metal working: pickling, descaling, rust removal, passivation and machining. Compatible for co-use with cutting, quenching and water-soluble oils.

Mining & Drilling

PMC Ouvrie's full range of EROL™ defoamers maximizes the effectiveness of various drilling additives to improve yields, reduce production costs and minimize HSE footprint.

They meet all current European legislation standards applicable to oil and gas drilling.





Personal Care & Cosmetics

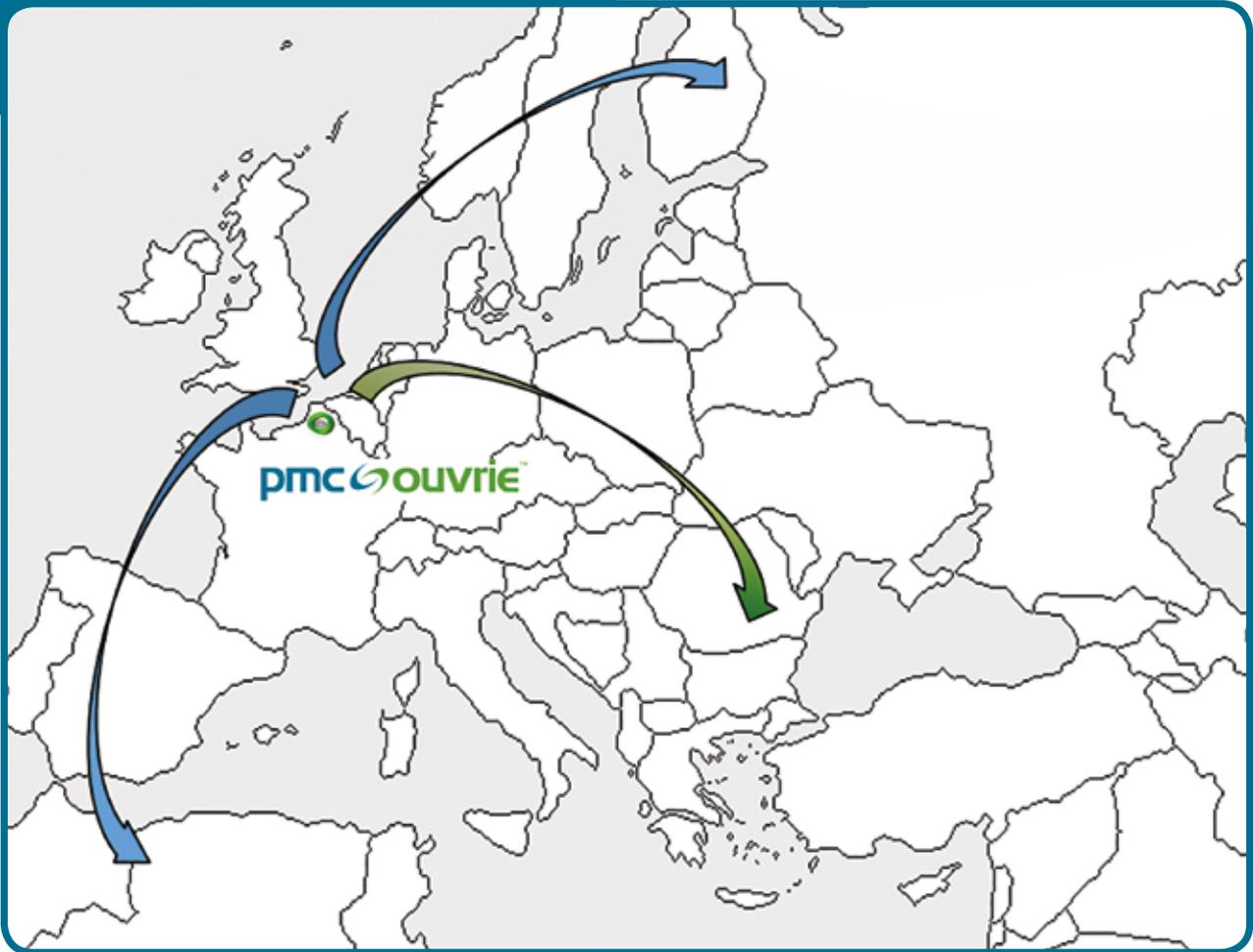
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Polymerization

PMC Ouvrie's range of EROL™ & DELFOAM™ defoamers have ideal HLB values (Hydrophilic/Lipophilic Balance) for emulsion polymerization or suspension and the stripping of solvents.

Ideal for use in the production of many polymers such as PVC, SBR / NBR, and ABS.





Sales:

- 70% Export / 30% France
- > 550 customers / 42 countries / 5 continents (Europe, Africa, America, Asia, Oceania)

Range:

- 430 products (liquid & powder)

Certifications:

- ISO 9001 & ISO 14001
- Kosher London & Paris & Manchester
- Halal

GMP - HACCP - FDA Rules

NSF - BFR

REACH & CLP Compliance

Strengths

Long expertise in antifoam areas

Reactivity & Reliability

Deep range of products

Technical Assistance

High flexibility

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About PMC Group

Growth through innovation while promoting social good.

PMC Group is a growth oriented, diversified, global chemicals company dedicated to innovative solutions to everyday needs in a broad range of end markets including plastics, building and construction, consumer products, electronics, paints, packaging, personal care, food, automotive and pharmaceuticals. The Company was built on a sustainable model of growth through innovation while promoting social good. Dedicated to sustainability, PMC operates from a global manufacturing, innovation and marketing platform with facilities and personnel in the Americas, Europe and Asia.

www.pmc-group.com



pmc  **ouvrie™**

44, rue Albert Einstein
62220 CARVIN - France

+33 3 91 83 71 71

info.ouvrie@ouvrie.com

www.pmcouvrie.com

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