Food & beverage chemical treatments
About us

Our passion for chemicals and speciality application has borne 20 years ago.

With our chemical engineers with over 30 years of experience and know-how in various applications, we distinguish market interests and focus on giving something better.

Unique money for value quality chemical products made in EU.

Our business is developed from R&D department on Production and Quality department.
About us

We are specialized on supply a full service for water, pulp and paper treatment, utilizing specialized services including use of advanced technologies and customerized chemicals, in order to satisfy needs and expectations of the clients in terms of quality, production, efficiency, safety, ecology.

Our business in numbers:

- Customer number: > 1000
- Business footprint: > 28.000.000,00 €
- 30 technical engineers
- 6 laboratory specialist
- Customers activity area:
  Paper, food, chemical, pharmaceutical, textile, lather, plastic, hospital, power and cogeneration plant, etc
About us

Our products are present in market across Europe and Asia through our representatives:

- Austria
- Denmark
- Germany
- UK
- France
- Holland
- Hungary
- Iran
- India
- Slovenia
- Suisse
- Spain
- Portugal
- Turkey
- Serbia
- Etc...
Our markets

To maintain our high standard of customer satisfaction and providing them best available products on market we are continuously developing and bringing new solutions for Your applications.

Our main markets:

- CHEMICAL PROCESSING
- FOOD & BEVERAGE
- PULP & PAPER
- OIL & GAS
- GENERAL MANUFACTURING
- ENERGY PRODUCERS
- MINING
- COMMERCIAL FACILITIES
Our modern R&D laboratory based in Milan, represents for ALPHA chemicals an important effort for pursuing its quality objectives and new advanced Technologies.

- 2 million € of investment
- 6
- 400 m² of surface area
- Pilot plants
R & D Laboratory

Research and development projects

➢ NEW liquid organic cationic coagulant
➢ NEW biotechnologies chemicals
➢ Advanced all organic technology for high hardness cooling tower
➢ NEW stabilized sodium bromide technology
➢ Corrosion inhibitors for galvanized steel in water with at high pH and low hardness
➢ Fuel preservative

On going projects

➢ Developed of existing product range
➢ Cooling systems
➢ Biocides
➢ Boiler treatments
➢ Pasteurizers and sterilizers
FOOD & BEVERAGE TECHNOLOGIES

Utilities Water

Sanitising and disinfection

Water pipelines distribution

Chemical cleaning

Pasteurizers Sterilizer

R.O. Equipment

Lubrication

food & beverage chemical treatments
MEAT & POULTRY INDUSTRY
MEAT & POULTRY INDUSTRY

Open surfaces sanitation

- Traditional Alkaline Detergents
- Alkaline detergents compatible with aluminium alloys
- Alkaline detergents with active chlorine
- Alkaline Detergents Chlorine free line
- Traditional Acidic Detergents
- Acidic Detergents Compatible with aluminium alloys
- Sanitizer based on oxidizing biocide
MEAT & POULTRY INDUSTRY

HIGH STABLE FOAMS

- Very long contact times
- Very stable foams
- Reduction of the chemical consumption
- Important cost saving of sanitation
- Excellent results on regular surface application
- Easily rinse-off
MEAT & POULTRY INDUSTRY

Mechanical cleaning of the equipment

- Specific chemicals with high performances
- No Foaming
- Easy and fast rinsing
- Very effective in a large range of temperatures
- May Include sanitizing agents
MEAT & POULTRY INDUSTRY

ALPHA CHEMICALS HAS DEVELOPED SPECIAL EXPERTISE IN FORMULATING CUSTOMIZED PRODUCTS TO BE USED WITH THE MEAT INDUSTRY EQUIPMENT, THANKS TO LONG AND PRODUCTIVE WORKING RELATIONSHIPS WITH MANUFACTURERS AND USERS OF AUTOMATIC WASHER SYSTEMS.
food & beverage treatments

DAIRY PROCESSING INDUSTRIES
DAIRY PROCESSING INDUSTRIES

CLEAN IN PLACE (CIP)

- Alkaline Detergents
- Caustic solution Additives
- Acidic Detergents
- One phase technology
- Disinfectants
DAIRY PROCESSING INDUSTRIES

OPEN SURFACES SANITATION

- Alkaline detergents
- Alkaline detergents compatible with aluminium alloys
- Alkaline detergents with active chlorine
- Alkaline sanitizing detergents chlorine free
- Acidic detergents
- Acidic detergents compatible with aluminium alloys
- Sanitizers with residual active agents
- Oxidizing biocide sanitizers
DAIRY PROCESSING INDUSTRIES

HIGH STABLE FOAMS

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DAIRY PROCESSING INDUSTRIES

Mechanical cleaning of the equipment

- Specific chemicals with high performances
- No Foaming
- Easy and fast rinsing
- Very effective in a large range of temperatures
- May include sanitizing agents
DAIRY PROCESSING INDUSTRIES

Conveyor Lubrication

- Traditional Lubricant water based
- Semi-dry lubricants with a low water consumption
- Dry Lubricants
- Sanitizers
- Detergents
- Customized treatment
Advanced and unique technologies have been developed by ALPHA CHEMICALS Research & Development laboratory to meet the needs of the beverage Industry
**BEVERAGE INDUSTRY**

**Conveyor Lubrication**

- Traditional Lubricant water based
- Semi-dry lubricants with a low water consumption
- Dry Lubricants
- Sanitizers
- Detergents
- Customized treatment
BEVERAGE INDUSTRY

BOTTLE WASHING MACHINE

- Antiscalant
- Descaling chemicals
- Caustic bath additives
- Antifoam/defoamers
- Multifunctional chemicals
- Sanitizers

- Optimization of the washing machine operation with customized solutions
OPEN SURFACES SANITATION

- Alkaline detergents
- Alkaline detergents compatible with aluminium alloys
- Alkaline detergents with active chlorine
- Alkaline sanitizing detergents chlorine free
- Acidic detergents
- Acidic detergents compatible with aluminium alloys
- Sanitizers with residual active agents
- Oxidizing biocide sanitizers
STERILIZATION TREATMENT TECHNOLOGIES
TUNNEL PASTEURIZERS

TECHNOLOGIES

- Specific product line (STERI)
- High protection from corrosion with inhibitors for carbon steel, tinned layers and aluminium
- Very effective antiscalant (Ilmax = 3.0)
- Bromine technology for microbiological control
- Draining and shining agents
TUNNEL PASTEURIZERS

Service

- High knowledge in the tunnel pasteurizers treatment
- Tracer technology for checking the flow rates and volumes of the several baths
- Dosing systems with remote control and telemetry technology
**STERILIZERS**

**TECHNOLOGIES**

- Specific product line (STERI)
- High protection from corrosion with inhibitors for carbon steel, tinned layers and aluminium
- Very effective antiscalant ($I_{\text{max}} = 3.0$)
- Draining and shining agents
- Neutral cleaning of the sterilizer retorts
For more informations please be free to contact us:

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