



# INDUSTRIAL WASTE





# BIONETIX® INTERNATIONAL

WE PROMOTE A HEALTHY ENVIRONMENT BY PROVIDING SUPERIOR, ENVIRONMENTALLY SAFE ALTERNATIVES TO CURRENT TREATMENT METHODS.

## ABOUT US

BIONETIX BIOLOGICALS...  
THE MISSING LINK BETWEEN  
ENVIRONMENTAL PROTECTION AND EFFECTIVE TREATMENT

Bionetix International produces biological waste treatment products that are used in thousands of field applications worldwide.

Our Biological Series of products can be found in use in countless food preparation and processing locations world wide. These products have been accepted by numerous municipalities around the world.

## SUPPORT

We offer a complete portfolio of products for treatment applications in the home, industry, institutions, municipalities and yes . . . even in farmers' fields! And we know our products are used all over the world under widely differing environmental, climatic, physical and social treatment conditions.

So we're here to help you :

Our ever-expanding network of sales partners permits us to offer product and sales support wherever it is needed.

The expertise of our employees permits us to offer our clients timely technical support to develop tailor-made solutions for special applications.

Just contact us whenever you need us! Help us to clean up our natural environment

## PRODUCTS



### STIMULUS

#### BIO-STIMULANT AND ODOR CONTROL

STIMULUS inhibits the activity of the enzyme urease that converts urea to ammonia. It is environmentally safe: derived from natural plant extract; no chemicals, dyes or fragrances. Also, stimulates the micro organisms present in the waste.



### A55L

#### AMMONIA-REDUCING BACTERIA

A55L consumes inorganic nitrogen such as ammonia, in municipal and industrial treatment plants. It removes nitrogen from wastewater rather than converting it to another form and increase wastewater treatment efficiency.



### BCP10

#### SURFACTANTS

BCP10 will degrade complex organic chemicals such as phenols, benzene compounds, surfactants and alcohols. It removes chemical deposits and prevents scum formation in holding tanks, sewers, drains and aeration basins.





### BCP11

#### CHEMICAL WASTE TREATMENT

BCP11 treats chemical industry wastewater streams. It improves effluent quality and lowers odours and foam.



### BCP25

#### DAIRY WASTE BIOAUGMENTATION

BCP25 is a blend of aerobic and facultative anaerobic bacteria. It is used in milk processing waste applications that reduces grease build-up and increases wastewater treatment efficiency.



### BCP35M

#### REFINERY AND PETROCHEMICAL WASTE TREATMENT IN A MARINE ENVIRONMENT

BCP35M degrades petroleum products in a marine environment. Bioaugmentation with BCP35M can enhance BOD and COD removal, while improving sludge settlement. It also removes oil deposits and prevents scum formation in holding tanks.



### BCP35S

#### REFINERY AND CHEMICAL WASTE REMEDIATION IN SOIL

BCP35S contains organisms that will degrade a wide range of hydrocarbons: gasoline, diesel, crude, benzene, toluene, ethyl benzene and xylene. Bioaugmentation with BCP35S can deep clean soils, enhance natural process, eliminate unsightly areas, reduce pollution liability, and lower disposal costs.



### BCP54

#### FISH FARM BIOAUGMENTATION

BCP54 contains strains of bacteria effective in aerobic and anaerobic conditions. Bioaugmentation with BCP35 increases fish and shrimp farm yield, lowers pH, reduces sludge, improves effluent quality, reduces odours, and reduces ammonia and other toxins.



### BCP56

#### FRUIT, VEGETABLE, AND WINE BIOAUGMENTATION

BCP56 provides greater resistance to the organic inhibitors in fruits, vegetables and wine. Bioaugmentation with BCP56 can help start-ups in new plants, improve effluent quality, increase wastewater treatment efficiency, and reduce grease build-up.



### BCP57

#### PULP AND PAPER WASTE BIOAUGMENTATION

BCP57 provides greater resistance to the organic inhibitors in pulp and paper waste. It accelerates degradation of unpleasant odours associated with handling pulp and paper wastes and increases the efficiency of over-loaded treatment systems.



### BCP57CT

#### PULP AND PAPER WASTE BIOAUGMENTATION

BCP57CT has proven effective in improving biological treatment systems at temperatures as low as 4°C (39°F). Bioaugmentation with BCP 57CT improves cold weather operations, accelerates degradation of unpleasant odours associated with handling pulp and paper wastes, and increases the efficiency of over-loaded treatment systems.



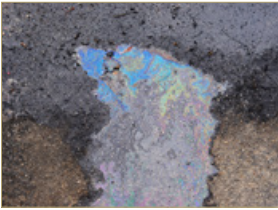
### BCP80 MANURE TREATMENT

BCP80 is proven effective in helping to reduce odours and reducing sludge accumulations. Bioaugmentation with BCP 80 can ensure rapid biological start-up, enhance and accelerate the biological digestion of animal wastes, reduce costs of manure pit maintenance and drainage, and break up solids and decrease organic content;



### BCP95 DEGRADATION OF PHENOL

BCP95 is applicable to phenol and related aromatic compounds such as cumene, catechol and cresol. Bioaugmentation with BCP 95 can help plants recover from toxic shocks caused by phenol and related compounds, and prevent poor removal efficiencies, disrupted flocculation, or general plantupsets that result from variable phenolic loadings.



### BCP3550 OILY SUMP TREATMENT

BCP3550 treats sumps containing hydrocarbons such as gasoline, diesel, oils and greases, antifreeze and petroleum solvents. It reduces the accumulation of petroleum products in sumps and drains. This reduces the cost of cleaning and maintenance, improves odour control and achieves BOD reduction.



### BIOBLOC35 OILY SUMP MAINTENANCE

BIOBLOC35 contains specialty penetrants and surfactants that loosen and liquefy heavy grease deposits, thereby assisting in their biodegradation. Treatment with BIOBLOC35 can keep floats clean, reduce grease build-up headaches, prevent emergency blockages, save on line jettings, and lower grease disposal costs.

