



सुगम पर्यावरण विकल्प



AKT-50

**An Innovative Oxidizing Agent for
Industrial Biological Treatment**

SUGAM PARYAVARAN VIKALP PVT LTD

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AKT-50

SUPERNOVA FOR INDUSTRIAL BIOLOGICAL TREATMENT



It has been the outcome of 12 years of research and experience while dealing with non-degradable effluent.



It is a pre-treatment before Biological treatment.



AKT-50 is a proprietary super strong agent for recalcitrant chemical effluent.

SPECIAL FEATURES

- It reduces the COD Levels.
- It enhances the biodegradability of the effluent.
- It enhances the performance of biological treatment plant.
- It reduces the aeration in aeration basin.
- Thus reduces the energy consumption of the process.
- As required in minor doses, it does not affect the MLVSS concentration in aeration tank.
- It reduces the biological sludge formation.
- Overall optimizing performance and operating cost.



ISSUES WITH TRADITIONAL BIOLOGICAL TREATMENT

- Toxicity of heavy metals.
- Toxicity of drug intermediates.
- Diurnal fluctuation in chemical composition.
- Not easily biodegradable organic solvents.
- BOD to COD ratio less than 0.15.
- High COD MEE Condensate.
- Colorant and dyes.



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BENEFITS OF USING AKT-50

- That can work well with biological system and enhance its performance.
- Shouldn't itself be the problem i.e. toxic to biological environment.
- Should not increase BOD COD or any other characteristics of effluent.
- It should maintain the sustainability of process.
- Economically viable.
- Reduces HRT and electrical consumption.

HOW TO USE

- > It is a chemical dose to be added before biological treatment.
- > Economical dose shall vary based on nature of effluent.
- > Effluent specific dose is worked out for different industrial effluent.



Packaging :
50 / 200 Liters



Industrial Effluent

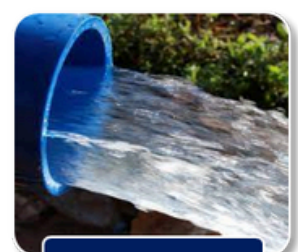
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Biological Treatment



Discharge

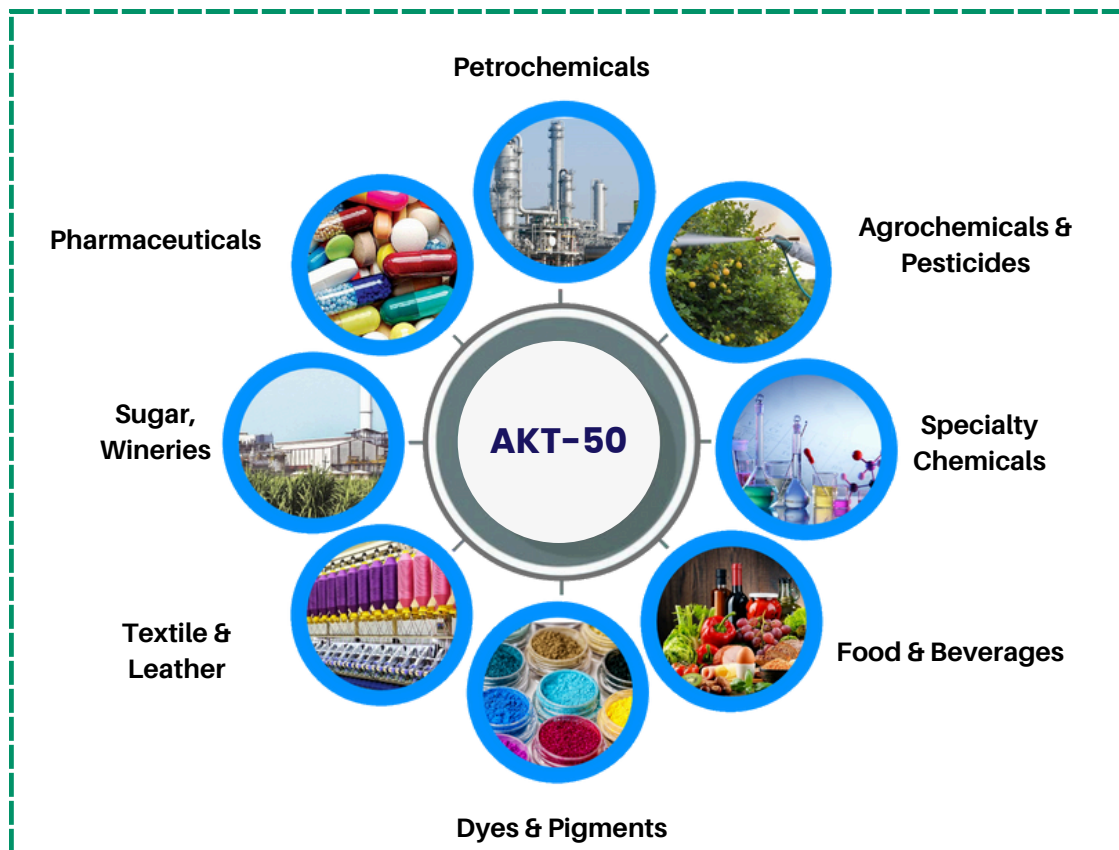


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INDUSTRIES WE CATER



Contact Now!



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