

## The fermentation of specific microorganisms for: Sewage water treatment | Remediation of contaminated areas | Biomining

### Production

Since 1993, Sensatec has been fermenting live microbial cultures, on the industrial scale. The microbes are cultured in large stainless steel fermenters, with volumes up to 800 liters, for environmental engineering purposes.

Microorganisms of natural origin, specific for the degradation of contaminants, are cultured under specialized laboratory conditions.

The following list names some of the microbial cultures fermented by us:

- Nitrated start cultures
- Gasoline, diesel and oil degrading mixed cultures
- BTEX degrading mixed cultures
- PAH degrading mixed cultures
- Acidophilic mixed cultures
- Halophilic mixed cultures
- Iron and Sulphur oxidating pure cultures for biomining purposes

Microbial cultures for other purposes can be cultivated upon request.

Safety level according to BiostoffV categories:  
Protection level 1, risk level 1.



### Services offered by Sensatec Bioservices Cologne:

- Cultivation of specific microbes for a specific project
- Conducting regular quality control checks on microbial cultures
- Delivery of microbial cultures in small and large quantities, ranging from 20 liters to several cubic meters

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