



THE NATIONAL ACADEMY OF SCIENCES OF BELARUS



Biopreparation

TEAMINE

for regeneration of absorption solutions
and total decontamination of wastewaters
containing trimethylamine,
triethylamine and dimethylethylamine



A UNIQUE NOVEL PRODUCT !!!

Efficiency of action

- ensures full recovery of water solutions contaminated with trimethylamine, triethylamine and dimethylethylamine;
- rules out accumulation of secondary pollutants;
- saves disposal costs due to minimal expense of reagents and materials;
- alleviates ecological damage caused by discharge of highly toxic chemicals into environmental media

Application guidelines

The product is supplied directly into decontamination unit in 2% ratio of bioreactor volume. Compressed air is pumped continuously into absorption solution. Temperature of the solution varies in the range 20-35°C (optimal value 28°C); pH – 7.0-7.5; concentrations of the key pollutants should not exceed 2 g/l; mineral salts must be kept under 1% mark. The treated wastewaters and absorbing solutions may contain satellite organic compounds in levels not surpassing those of target contaminants. Presence of bactericides and antiseptics in process solutions is to be excluded. Special detoxification measures are not required. Shake up the product before use

Ecological advantages

Teamine is not phytotoxic and safe for the environment, humans, animals, plants, birds, bees and fish

Active ingredients

Superactive microbial degraders of trimethylamine, triethylamine and dimethylethylamine

Principle of action

Ability of microbial cultures making up biopreparation formula to perform biodegradation of trimethylamine, triethylamine and dimethylethylamine

Preparative form

Liquid (with possible amorphous sediment)

Terms of storage

3 months in temperature range + 4 to + 15°C
sealed in the container protected from atmospheric fall-out

Specifications
BY 100289066.134-2015



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