



**Ökodol®** is produced out of a natural product. In its extraordinary high purity and high homogeneity it can only be found in Oberjettenberg next to Bad Reichenhall.

**Ökodol®** is produced for the use in waste water treatment plants by special mechanical and thermal treatment under defined conditions. A controlled production process causes known reactions and a constant composition. An entry of impurities from fuel or waste gases is avoided by choice of process. Environmental acceptable liquid gas is used as fuel and caloric heat of waste gas is used recuperative for the process.

**Ökodol®** consists by more than 99 % of compounds from calcium and magnesium, which occur natural in water and waste water. No substances are brought in, which are unusual in water or waste water.

The extraordinary purity is shown by the values given in the material data sheets.

**Ökodol®** is well tested for use in waste water treatment plants. It is used in a process, which in Europe is patent pending.

**Ökodol®** is used in special neutralisation reactors. The dispersion of calcium- and magnesium-compounds in activated sludge flocculi can cause different positive effects depending on situation in waste water treatment plant:

- ▶ Supply of activated sludge with calcium- and magnesium-compounds is improved.
- ▶ Free carbonic acid in activated sludge is reduced.
- ▶ Structure of flocculi is stabilised and compacted.
- ▶ Bulking sludge and scum are reduced.
- ▶ Building of foam is reduced.
- ▶ Biozinoxe is stabilised.
- ▶ Biological degradation of nitrogen and phosphat are improved.
- ▶ Nitrification is stabilised.
- ▶ Hydraulic characteristics of sewage clarification plant are stabilised.
- ▶ Sedimentation in final humus tank is improved.
- ▶ Dewatering of sludge is improved.
- ▶ Visibility depth is increased.
- ▶ Function of digestion tank is stabilised, an increase of gas yield is possible.
- ▶ Concrete of walls and basis is protected against corrosion.

**Ökodol®** is simple in use and handling in particular in combination with the neutralisation reactor, which was engineered specially for use in sewage clarification plants. There is needed few expenditure. Operation is low-maintenance and cost-effective. The process is self-regulating, overdosing is not possible. Handling is easy and clean, caking and sedimentation in tubes can be avoided. Costs for maintenance and operating expenses are reduced.

**Ökodol®** is well soluble and high reactive. There are only needed small amounts. Volume of sludge is increase only incidental and costs for disposal of sludge are kept low.

**Ökodol®** is harmless for humans and environment during production, processing and also in finished product.

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Here you can get also information about use of **Ökodol®**.