



SUBIO EKO s.r.o.; Odboje 3327/1a, 702 00 Ostrava, CR
+420 596 634 677; www.subio.cz, subio@subio.cz

TECHNICAL SPECIFICATIONS

LIKVID Profi

BIOLOGIC DEGRADATION OF FAT SEDIMENTS

LIKVID Profi is an enzymatic bio agent designed to be used for treating organic waste matter that is not easily degradable, mainly as for fats occurring in industrial waste and sewage systems. In sewage treatment plants, next to frequent use of troublesome fat removal, the mentioned preparation is used to get rid of unwanted foaminess, which is caused by their occurrence in water.

LIKVID Profi successfully degrades fats into biologically harmless matter, which may be discharged into the sewerage network. The agent has been thoroughly designed to outclass effects of all general-purpose preparations produced on the chemical basis. Its regular application helps to avoid settling of fats both in sewerage systems and desludging and digestion tanks used in sewage treatment plants.

LIKVID Profi is wholly biologically degradable and positively influences functioning of wastewater systems. It does not cause any water contamination. It is a powerful concentrate successfully applied in water treatment plants to degrade matters which degrade with difficulty, removes biologic foam, decreases COD, BOD and phosphorus.



Where local sewage treatment plants are overloaded, *Likvid Profi* considerably increases their capacity. Where the final result is not satisfying because of a bad state of the activation zone of the plant, *Likvid Profi* stabilizes the zone and helps to establish correct functioning of the sewage treatment facility.

ADVANTAGES:

- Use of *Likvid Profi* improves functioning of sewage treatment plants and, therefore their outputs
- Removes bad odour
- Decreases level of COD and BOD
- Sanitary and eco-friendly
- Wholly bio-degradable

USE:

For industrial sewage treatment plants and businesses where decrease of COD and BOD is desirable with respect to facing imminent fines for environmental pollution.

As necessary, it is used either diluted or undiluted. Application and dosing of this bioproduct into a sewage treatment plant must always be prescribed individually in accordance with the requirements of the technical data of the respective sewage system. Therefore, every time the instructions manual is elaborated on the basis of the provided data and is usually a part of an advance offer.

TECHNICAL DATA:

Temperature range: Minim. +10 to +50 °C
Efficient range of pH: 4.5 to 9.5
Best before date: 24 months
Storing: Dry cold location under 38 °C; Keep out of reach of children.

COMPOSITION:

Under 5 % of non-ionic surface-active agents, distilled water, enzymes, perfumes, food colour.
Does not contain any chemicals such as phenols, phosphates or formaldehyde.

TOXICOLOGY:

Non-toxic, non-pathogenic, not classified as harmful to people, animals and plants

LC₅₀ (Plaice) (96 hours) (semi static) 1.0 mg/l
LC₅₀ (Plaice) (96 hours) (semi static) 1.9 mg/l
EC₅₀ (Daphnia Magna) (48 hours) (static) 0.75 mg/l
EC₀ (Daphnia Magna) (48 hours) (static) 0.56 mg/l
LC₅₀ (Rainbow Trout) (96 hours) 1.8 mg/l
EC₅₀ (Brown Shrimp) (96 hours) (semi static) 4.8 mg/l

GENERAL PRECAUTIONARY STATEMENTS: **H319** Causes serious eye irritation

SAFETY BRIEFING:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302 + P352 IF ON SKIN: Wash with plenty of water/ soap.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.
P337 + P313 IF EYE IRRITATION PERSISTS: Get medical advice/ attention.



CAUTION

Once a year, the preparation is produced to a specialized body to be tested for enzymes activity. On the basis of that, the following deliveries of the ordered product are accompanied with the analysis presenting the majority enzyme occurrence.

This bio-agent has been approved by the Public Health Institute of the Czech Republic.

The agent is non-toxic, non-pathogenic, safe to people and animals. Not genetically modified.

PACKAGE:

½ l, 1 l, 3 l, 5 l, 20 l, 25 l