



BIOLITEX 5



BIODEGRADABLE CONCRETE MOULD OIL.

DEFINITION

BIOLITEX 5 is a chemical-action oil for demoulding concrete. It has been formulated to prevent the formation of sticky residues on moulds experienced with regular "biodegradable" oils. The product's composition also ensures it a high degree of biodegradability.

APPLICATIONS

BIOLITEX 5 is a multipurpose additive for demoulding concrete, recommended for use on moulds made of aluminium, steel, wood or plastic (in civil engineering, the construction industry and concrete assemblage work).

BIOLITEX 5 is readily biodegradable: 95% according to test method CEC L-33-T-82. (For the sake of comparison, mineral oil-based mould oils have a biodegradability of approx. 40%).

TYPICAL CHARACTERISTICS

CHARACTERISTICS	TYPICAL VALUES	METHOD
Density at 20°C, kg/l	0,856	ASTM D 4052
Viscosity at 20°C, mm /s at 40°C, mm /s	11,25 7,1	ASTM D 445
Flash point °C	84	ASTM D 92
Vaporisation point °C	-20	-
Limited flow point °C	-30	ASTM D 97
Biodegradability % after 21 days.	> 95	CEC L-33-T-82

CHARACTERISTICS AND ADVANTAGES

- The coverage capacity of **BIOLITEX 5** is 20 to 40 g/m², depending on the mould's porosity and the application method.
- Excellent wettability for residue-free demoulding.
- Very good separation between concrete and mould thanks to the chemical action and the oil's vegetable base.
- **BIOLITEX 5** contains a number of anticorrosion additives which enable it to be used at high temperature (< 60 °C). The fluid dilutant is a dearomatised hydrocarbonic which is not harmful to the environment.



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INSTRUCTIONS

The product is supplied ready to use. It may be applied with a spray gun (for large surfaces), roller or brush.

To obtain good results with **BIOLITEX 5**, apply the product to the mould in a very fine layer. Take care to avoid any excess product. Surplus product should be removed.

HEALTH AND SAFETY ADVICE

Individual protection

Skin protection: industrial gloves.

Eye protection: safety goggles.

Other individual protection: anyone who may be exposed to the product should wear suitable protective clothing, especially gloves.

Industrial hygiene: do not wipe hands with dirty cloths.
Change clothes if they become contaminated or after finishing work.

OTHER PRODUCT TYPES

Our range also includes other types of oil, e.g. **OLITEX V12**, a mould oil with a physico-chemical effect which ensures a very smooth surface free of grease marks.

This technical notice is the outcome of research and long experience. However, we accept no liability for its contents, as successful use of the product depends on taking account of all the circumstances at the time of use. We recommend the performance of preliminary tests in order to see whether the product is suited to the planned application. **UPDATE 03/2000**



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