

# KLB-SYSTEM Industriebodenpflege

## PS 22 Ölentferner

De-oiling concentrate based on a concentrated special tenside combination without solvents

### Packaging units

Article no.	Packaging	Inhalt	Units/pallet
DP7990-50	Canister	10.00 l	80



### Product characteristics

Processing temperature	Minimum 10 °C / 50 °F
Consumption	0.2 - 0.3 l/m <sup>2</sup> for each cleaning cycle
Shelf life	6 months (originally sealed) – <b>Protect from frost!</b>
Colour	Transparent fluid
Contents	Special tenside, solvent-free

### Product description

**KLB-SYSTEM PS 22 Ölentferner** is a concentrated cleanser based on a special combination of tensides without solvents.

**KLB-SYSTEM PS 22 Ölentferner** penetrates deep into the capillaries of the floor. Oil and grease is emulsified in form of micro-droplets, encapsulated, and carried on to the surface.

**KLB-SYSTEM PS 22 Ölentferner** is used for oil decontamination prior to the application of coatings. Oil is converted into a liquid emulsion and removed from the mineral surface.

After deep-cleaning but within the drying phase, **KLB-SYSTEM EPOXID EP 52 Spezialgrund** can be applied as a bonding layer for subsequent coatings.

### Area of application

- Concentrated oil remover for oil-contaminated water-proof substrates. Use before applying any coatings.
- Use in combination with **KLB-SYSTEM EPOXID EP 52 Spezialgrund**.

### Product features

- solvent-free
- non-combustible
- odorless
- capillary active
- ready-to-use
- deep penetrating effect
- very economical

## Technical data

Density	1.0	kg/l	DIN EN ISO 2811-2 (20 °C / 68 °F)
pH-value	8.0 - 8.6	-	

The values established in tests are average values. Deviations from the product specification may occur.

## Processing

- Sweep and chip off any coarse dirt, vacuum off any fluids for a “clean” (but still oil-contaminated) floor.
- Prepare mechanically, e.g. by shot-blasting.
- Degrease with **KLB-SYSTEM PS 22 Ölentferner**. Spray on approx. 0.2 - 0.3 l/m<sup>2</sup>. Brush in mechanically.
- Brush again after 20 minutes and vacuum off.
- Apply clean water once again and vacuum off any residues.
- Repeat the procedure on highly oil-contaminated floors.
- Apply base coat **KLB-SYSTEM EPOXID EP 52 Spezialgrund**, consumption 0.4 kg/m<sup>2</sup>.

### Cleaning oil-contaminated floor

The following processing directions apply to the cleaning of oil-contaminated floors with **KLB-SYSTEM PS 22 Ölentferner** and subsequent priming with **KLB-SYSTEM EPOXID EP 52 Spezialgrund**.

During the complete cleaning process, the floor should have a temperature of 10 °C / 50 °F, better 15 °C / 59 °F.

Any fluid oil residues on the concrete surface have to be removed completely with a wet vacuum cleaner. Spray **KLB-SYSTEM PS 22 Ölentferner** on any oil on the surface and remove by brushing after a short period of time.

Sweep off any coarse dirt. Fouling or adhesive dirt may be removed mechanically by shot-blasting, milling, or any other mechanical procedures. The surface is then oily but clean, and only in this way can oil cleaning with **KLB-SYSTEM PS 22 Ölentferner** be carried out with capillary effect.

Spray **KLB-SYSTEM PS 22 Ölentferner** on the oil-contaminated area until completely wetted. Consumption approx. 0.2 - 0.3 l/m<sup>2</sup>. On highly absorbent surfaces, dilute the degreaser with water if necessary so that there is enough moisture on the surface. Brush in **KLB-SYSTEM PS 22 Ölentferner** mechanically into the surface using a brushing machine to insert the active agent into the capillaries. This process is completed when the material starts slightly to foam.

After a residence time of 10 - 30 minutes, brush the oil-contaminated surface intensively with clear water until foamy and then remove the oil foam mixture with a wet vacuum cleaner.

Repeat on highly oil-contaminated areas. If the oil rises to the surface again very quickly by capillary action, the de-oiling process must be repeated. **PS 22 Ölentferner** may be diluted with water. The degree of dilution depends on the amount of oil to be removed. Dilution is possible with up to 75% of water.

For the last step, brush the entire surface foamy with clear water and remove the oil-contaminated cleaning fluid with a wet vacuum cleaner without leaving any residue.

Apply the base coat **EP 52 Spezialgrund** while the surface is pale-damp. This must be carefully timed: only when there are no more puddles of water on the surface, but it must not be dry either, otherwise oil residues will appear again. Especially in high temperatures, draughts and heavily oiled substrates, the primer must be applied early.

**Effective de-oiling can only be achieved mechanically. A heavy-duty wet vacuum cleaner and mechanical brush are essential.**

**Storage** Store in dry and at frost-free conditions. Ideal storage temperature is between 10 - 20 °C / 50 - 68 °F. Bring to a suitable working temperature before application. Tightly re-seal opened containers and use the content as soon as possible.

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**Disposal** The product is biodegradable. Material has to be professionally disposed of according to the legal requirements.

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**Special remarks** The product is regulated by the German Ordinance on Hazardous Substances (GefStoffV), the German Ordinance on Industrial Safety and Health (BetrSichV), and transport regulations for hazardous goods. The necessary information is contained in the DIN Safety Data Sheet. Observe all identification information on the container label!

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