



CHEMSOLUTE® SORB

ABSORBENT FOR OIL AND CHEMICALS



CHEMSOLUTE® SORB

CHEMSOLUTE® Sorb is an innovative polymer/mineral based chemical binding agent, which can be used for all liquids apart from mercury. The absorbed chemicals and oils are bound very quickly and effectively, which protects the employees and the environment and reduces the fire hazard, even for liquids with a high vapour pressure.

Due to its fine-granular structure CHEMSOLUTE® Sorb doesn't raise dust and can therefore be used indoors without any problems. As a registered oil binder according to guideline Type III R (MPA NRW 22 000 8388 10), it is also ideally suited for traffic areas.

- Very high binding capacity
- Simple to dose
- Dust-free
- Skin-compatible
- Dam formation possible
- Colour change indicates acids and alkalis
- Saturation indicated by colour intensity

SIMPLE AND ECONOMICAL APPLICATION

Application

Apply CHEMSOLUTE® Sorb equally and extensively on to the spilled chemicals. It sinks in immediately and initiates the absorption process. Once the absorption has finished, CHEMSOLUTE® Sorb remains dry which can be seen by the lighter colour. Now the dispersal can be stopped.

Clean up

The chemicals and oils are incorporated into a gel structure and can therefore be easily swept up. The surface remains almost dry.

Disposal

The disposal is very easy. Above all, only a small amount of contaminant-binding agent mixture accumulates, as CHEMSOLUTE® Sorb binds liquids in a ratio of up to 1:75. This means that only 100 g are required for 7.5 l of liquid. The absorption capacity depends on the water content of the chemical to be bound. If required, the original substance can even be recovered through thermal processes.



VAPOUR BARRIER FOR SMOKING CHEMICALS

CHEMSOLUTE® Sorb acts as a barrier for emissions. If sufficiently dosed, it acts as a vapour barrier so that fewer pollutants can escape into the air. This protects the employees and reduces environmental pollution. CHEMSOLUTE® Sorb is non-combustible and the gel binding prevents an increase in surface area. Therefore, you can assume that CHEMSOLUTE® Sorb is not oxidizing.

DAM FORMATION

To prevent outflow with larger volumes of liquid, CHEMSOLUTE® Sorb can also be dispensed to quickly create an effective barrier. Chemical-binding tubes and cushions are not necessary.

INDICATOR FUNCTION

The pH indicator contained in CHEMSOLUTE® Sorb shows whether the liquids absorbed are acids or alkalis via a colour change:

Colour change from green to **yellow** = acid

Colour change from green to **red** = alkali

Note: Chlorine compounds or hydrogen peroxide can bleach the pH indicator in a short time.



PACKAGING SIZES

CHEMSOLUTE® Sorb is available in three different packaging sizes to suit the different areas of application:

Dispenser container (1,800 ml)

Transparent plastic bottle with two different openings: fine dosage opening for very economical use and a slightly larger gap opening. Ideal for the lab bench, fume hood or small chemicals cupboard.

Wide-necked container (4,000 ml)

White plastic bottle with wide-neck opening for quick application wherever larger quantities of liquid are used, e.g. in a chemical store.

Reserve bucket (5 kg)

Plastic bucket as a reserve for filling up the smaller containers or for areas where very large quantities of liquid are used, e.g. when filling up drums or tanks.

Type	Quantity	Art. no.
Dispenser container	1,800 ml	2418.0001
Wide-necked container	4,000 ml	2440.0001
Reserve bucket	5 kg	2450.0001





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