kreussler
TEXTILE CARE



PERAMON

Acid binder and stabiliser for solvent care.

Characteristics

- Binds acidic decomposition products in the distillation
- Ensures hygienic conditions in solvents

Chemical-physical data

Appearance:	Clear, colourless liquid
Specific weight:	0.88 g/ml
pH value:	9.8
Viscosity:	16-26 mPa·s [20 °C]
Flash point:	>100 °C

Application

Distilling machines

After each pumping out of the distillation residues, add 3-4 ml of PERAMON per kg (0.05-0.06 ozfl/lbs) of machine capacity directly to the distillation boiler (still). In the case of KWL (hydrocarbon solvent) machines equipped with dirt tanks, add 3-4 ml of PERAMON per kg (0.05-0.06 ozfl/lbs) of machine capacity once a week.

Non-distilling machines

Once a week, add 3 ml PERAMON per kg (0.05 ozfl/lbs) of machine capacity directly into the tank.

Use and Storage

PERAMON can be stored for at least 24 months in closed containers. PERAMON is indifferent to frost.

Note:

The solvent care and the maintenance of the water separator are frequently neglected although these works are of utmost importance to ensure that solvent and machine remain in a hygienically perfect condition. What is sometimes overlooked is the fact that the water separator or for some machine types the water separators play an important role for the olfactory neutrality of the cleaned textiles. In the Central European climate, a typical mixed batch brings about 5% moisture into the cleansing bath due to the moisture content of the textiles. Since the items are overdried in the drying process, the moisture remains in the water separator of the machine and leaves the system in form of contact water. In distilling machines, the few litres of contact water (approx. 5 litres per day) sometimes filter several hundred litres of solvent per day. Even if the contact water looks crystal clear, the dirt load of these few litres of contact water can be significant. To ensure that the water separator, which frequently comprises several stages, is always clean, we recommend draining the water phase regularly and to flush the water separator at weekly intervals with 2-3 litres of fresh water after the contact water has been drained. Many machines have a small funnel with manual valve installed over the water separator. With the machine standing still, the fresh water can be added slowly within 2-3 minutes. The fresh water separates from the solvent, runs through the different separators within approx. 10 minutes and then flows into the safety separator. This maintenance measure cleans any existing conductivity probes at the bottom of the separator and also keeps the separator sightglass clean. Polar fragrances that may have been introduced by the textiles, are volatile in steam or were overdistilled by the distillation are dissolved partially or even preferably in the water phase of the separator and are thereby once more separated from the solvent. The cleaned items smell fresher and do not have any foreign odours. If there was a machine issue concerning unpleasant odours, repeated use of this measure in combination with distillation of the solvent leads to a significant improvement of the situation within 1 or two days. If regular maintenance is performed on the water separator, this problem should not arise in the first place. The addition of PERAMON after each cleaning of the still ensures a slightly alkaline pH of the solvent. Odour-intensive fatty acids are neutralised in the still, and corrosion on machine parts and coolers is avoided.

We recommend the regular use of PERAMON in solvent cleaning machines for all solvents in the textile care industry. PERAMON cares for solvents, machines and components and avoids the occurrence of unpleasant odours. PERAMON stabilises the pH of the solvents and thus actively contributes to the stabilisation of all solvents used in textile cleaning.

All the details given are correct to the best of our knowledge. The use of the product must be adapted to the respective operating conditions. We accept no liability in respect of this information.

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