Dear Ladies and Gentlemen,

At Texcare 2016 in Frankfurt, the new solvent DOW SENSENE was introduced by DOW Safechem. BÖWE has tested this new solvent in a BÖWE Premium Line M30 in the BÖWE showroom. For this purpose a new specifically to DOW SENSENE calibrated measurement device was used. In the tests we have remained in the BÖWE Premium Line M30 with 24.7% of the lower explosion limit LEL far below the required value. Some cycles with garments were run and after unloading the machine, the textiles only had little smell. The cleaning effect for garments with SENSENE has the highest cleaning capacity of all alternative solvents. No mechanical modifications are required, which shows again that the BÖWE dry cleaning machines are over sized and thereby provide better drying performance. The confirmation of Safechem was granted to BÖWE.

If customers have the desire to run the new solvent SENSENE, BÖWE must create a new machine plate with the indication of the solvent. The software V7.12.0 must be installed, which means flash point above 60 °C, the drum inlet temperature up to 85 °C and in the Spezcode a number of parameters have to be adjusted, see appendix. The dry cleaning machine can only be changed by a trained BÖWE service technician.

Attached, you will find a few information such as safety data sheet, concentration curve, Spezcode parameters and the logo of the solvent.

To build your own opinion and assessment we have enclosed the product test in our BÖWE showroom using the example of fur and surgical textiles as a reference.

Cleaned was in a BÖWE Premium Line P30 and M30 with PERC and SENSENE each WITHOUT cleaning detergents and in the standard cleaning program P02.

**Result:**

PERC used in the fur processing has still the better cleaning capacity and the better cleaning result, also the degree of whiteness of the furs were better.

PERC is as well a good solvent for adhesive residues contaminated on surgical textiles.

It is worth mentioning that by cleaning with PERC the silicone greases can be removed completely from the surgical textiles.

By using the solvent SENSENE in the cleaning process the silicone greases could only be removed partially and with recognizable remains.

The degree of whiteness of the furs is clearly visible at SENSENE under the PERC effect.

The adhesive tape residues of the surgical textiles were removed completely from both solvents.

We would like to invite you for a test cleaning in our BÖWE Showroom for building your own opinion to SENSENE solvent.

If you have further questions, please do not hesitate to contact us.
fur 1 before the cleaning in PERC

fur 1 after the cleaning in PERC

fur 2 before the cleaning in PERC

fur 2 after the cleaning in PERC
surgical textiles 1
before the cleaning in PERC

surgical textiles 1
after the cleaning in PERC

surgical textiles 2
before the cleaning in PERC

surgical textiles 2
after the cleaning in PERC
surgical textiles 1
before the cleaning in SENSENE

general textiles 1
after the cleaning in SENSENE

surgical textiles 2
before the cleaning in SENSENE

general textiles 2
after the cleaning in SENSENE
fur 1 before the cleaning in PERC, before with SENSENE

fur 1 after the cleaning in PERC, before with SENSENE

fur 2 before the cleaning in PERC, before with SENSENE

fur 2 after the cleaning in PERC, before with SENSENE
surgical textiles 1 before the cleaning in PERC, before with SENSENE

surgical textiles 1 after the cleaning in PERC, before with SENSENE

surgical textiles 2 before the cleaning in PERC, before with SENSENE

surgical textiles 2 after the cleaning in PERC, before with SENSENE