

Formaldehyde and formaldehyde depot substances in Siebert coolants

The Risk Assessment Committee (RAC) has classified formaldehyde¹⁾ as a category 1B carcinogen and as a category 2 mutagen. Despite new guidelines for classifying formaldehyde, for coolant manufacturers, users and dealers, there is

- No change to labelling requirements
- No obligation to measure the formaldehyde concentration

But what about formaldehyde depot substances²⁾?

Siebert uses **no** formaldehyde in its coolants. However, some products contain formaldehyde depot substances that can

release formaldehyde. Products must be labelled only if they contain a concentration of 1000 ppm (= 0.1%) of formaldehyde in its free (released) form. Siebert lubricating coolants have never exceeded this value and will not do so in future.

Although there is no obligation to measure the formaldehyde concentration, it has been standard procedure in our laboratories for years to use the formaldehyde concentration as a test parameter. Using a Skalar system, our specialists determine the maximum possible amount that can be released from the formaldehyde depot. This measuring method provides maximum safety for the user, meaning Siebert

products that contain formaldehyde depot substances can be used without concern.

For you, this means:

- The same handling method for you and your customers
- No labelling on Siebert coolants regarding formaldehyde and formaldehyde depot substances
- Absolute safety thanks to in-house laboratory measurements
- The choice between coolants with or without formaldehyde depot substances

¹⁾ Formaldehyde = proportions in free form

²⁾ Formaldehyde depot substances = proportions in compound form