

## Reference data for the adsorption of dichloromethane on carbon materials

The adsorption of dichloromethane at 298K on non-porous carbon blacks and microporous activated carbons, including Takeda molecular sieves and Maxsorb superactivated carbons, has been studied. The results suggest that the exact shape of the isotherm on non-porous carbons is sensitive to the degree of uniformity of the surface and that it is therefore not possible to define a universal standard dichloromethane isotherm. On the other hand, it is possible to define reference data which can be used to analyse adsorption isotherms of dichloromethane determined on non-porous and microporous carbon materials by means of the  $\alpha_s$  method. An indication of the range of applicability and the likely precision obtained when using the data is given.

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