

Heating Bath Liquid Budde, Buddeberg

Heating bath liquid Budde

Use:

The crucial advantages of heating bath liquid BUDDE compared to the oils or other organic liquid mainly used are: Accidental spillage of water into the bath does not lead to dangerous spitting at temperatures over 100°C, as the water dissolves in the heating bath liquid and subsequently evaporates safely.

Heating bath liquid BUDDE can be used continuously as a heating medium up to approx. 170°C. Higher temperatures (below flash point) are possible, but will result in rapid darkening. The low pour point allows the bath liquid also to be used as a cooling medium. Mixtures with 10% to 30% water have proved best for this. Heating bath liquid BUDDE can easily be rinsed away with water which eases cleaning of laboratory equipment, e.g. distillation flasks, and also bench or floor if the bath liquid is accidentally spilled. Heating bath liquid BUDDE does not foam when mixed with water.

Viscosity on addition of water:

Heating bath liquid BUDDE is quite viscous at ambient or low temperatures, and therefore sometimes difficult to dispense. The addition of 10 to 20% water reduces the viscosity and enables easier handling. If the mixture is then heated to 100°C, the water evaporates without boiling. Further heating is only shortly delayed by this. Before next heating, water can be added again.

- Water solubility: Heating bath liquid BUDDE can be mixed with water in any ratio. The hardness of the water has no effect on the bath liquid.
- Chemical character: Modified polyglycolether
- Appearance: Clear, colourless or lightly yellowish liquid
- Storage time: (unlimited at present knowledge) When stored for long periods (over 2 years) the product may become darker. This does not affect the performance of the product.
- Density (DIN 51757, ASTM 1298, 23°C): approx. 1.13 g/cm³ to 1.17 g/cm³
- Flashpoint acc. to DIN EN ISO 2592: > 290°C
- Water solubility: Heating bath liquid BUDDE is miscible with water in each ratio. No susceptibility to water hardness in mixed water.
- Temperature range: -20°C to +170°C
- Water soluble

Article	Order No.	PU l/Canister
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