

F 6621

Kaltfärbung 5733

GA 2099

Kaltfärbung 5733 can be used to colour small iron and steel components using a dip process.

However **Kaltfärbung 5733** cannot generally act as a replacement for the black oxide coating obtained by the traditional black oxide heat treatment. In many cases it serves merely as an application stop-gap and must be determined empirically.

Form in which supplied: in 10 or 20 l plastic canisters.

Application:

Kaltfärbung 5733 is a ready-to-use solution and is deployed in a dip-process.

Before using, the metal surfaces that are to be treated must be degreased, metallically clean and shiny. Any rust formation must also be removed.

Our products **Alkalit** and **Rostalit** are available respectively to degrease and neutralise, and to remove rust. If the components are heavily greased with adherent oil, wax etc. you may need to use other hot degreasing agents.

Rinse thoroughly after every work operation.

Work operation (guidelines):

Work step

- Remove grease
- rinse
- if necessary, as required (pickling and rinsing)
- cold dyeing
- Rinse
- Neutralise
- Rinse
- Grease
- Allow to drip dry/dry
- Dip time:

Product description

Alkalit
tap water
Rostalit / tap water
Kaltfärbung 5733
tap water
Alkalit
tap water
Fluid IV 5196
Room temperature
0.5 to approx. 5 min.

Environmental protection: In accordance with Federal Water Act (WHG) **Kaltfärbung 5733** is a class 1 substance poor hazardous to water.

Product safety: In accordance with the Hazardous Substances order **Kaltfärbung 5733** must be not compulsorily identified.

Danger symbols:



Signal word: Warning

See the EU safety data sheet for further details.

Protective measures:

- Read the EU safety data sheet
- Read and comply with the instructions for use.
- Wear suitable protective clothing (goggles, gloves, boots).
- Observe the locally applicable regulations for handling solvents.

In the case of contact with your eyes: rinse thoroughly with water for at least 15 minutes and consult an ophthalmologist without delay.

Please observe the accident prevention regulations issued by "BG Chemie"-association for handling substances causing irritation.

Container - Material: Plastic or rubberised sheet iron.

Storage of product: according to TRGS 510 LGK 12 non flameable liquid

Please refer to the regulations regarding the handling and storage of substances hazardous to water.

Disposal: Waste code no. AVV 11 01 05* *pickling acids*
(pH-value of Kaltfärbung 5733 about 4,2)

Collect any residues of **Kaltfärbung 5733** (used product and rinse water) separately and dispose of them in accordance with local regulations.

For low consumers we provide suitable 20 l plastic canisters, free of charge, in which you can collect the wash water and product residues.

We also provide customer support and advice on disposal issues.

Waste code no. for contaminated packaging: AVV 15 01 10* packaging with hazardous

Guarantee:

The data given here has been provided to the best of our knowledge and is based on our practical experience and laboratory tests, however we provide no guarantee.

Since we are unable to have any influence on how our products are used, we accept liability for the product only in its condition upon delivery. Our sales service and our development and applications department will be pleased to offer you advice on application issues (tel.: +49 (0) 9122/9868-19).