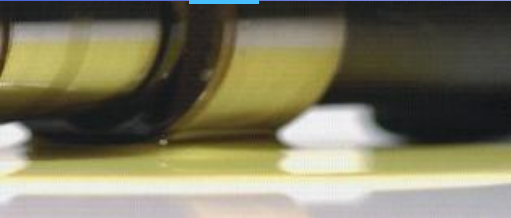




BRANOral C10

Liquid tarnish preventive for non-ferrous metals



■ BRANOguard

Temporary corrosion protection for the automotive, mechanical engineering and metal processing industries.

■ Characteristics

Clear, alcoholic active ingredient solution for diluted use in treatment fluids or swill baths.

BRANOral C 10 produces an extremely thin, practically not distinguishable, passivation coating on non-ferrous heavy metals so that the resistance to tarnish, in the air or in the coil, is considerably improved. The usually fast drop of solderability is prevented.

■ Application and Dosage

The application concentration is usually one percent in weight. Depending other requirements, tap water or deionised water (e.g., to avoid lime blast) can be used. Perfectly clean, carefully rinsed in mordant, the metal products are dipped quickly in the BRANOral C 10 bath. To warm up the bath to approx. 50 - 60° C has a favourable effect on the protection. Flash rolls made of rubber eliminate the most liquid excess, then it is dried in hot air.

If metal bands, are greased e.g. on felts, then likewise, BRANOral C 10 (1%) can be added to the oil. On the other hand, an addition directly to the rolling oil makes little sense, because the passive coating is destroyed by every passage.

Under appropriate safety precautions, BRANOral C 10 can also be diluted and used in other organic solvents (e.g., alcohol, ester, ketone).

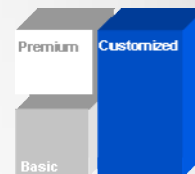
BRANOral-products are to be used as described above (packaging/ protection of certain kinds of metal pieces). Otherwise, no responsibility for caused damages can be taken.

■ Range of Protection

Preferential for copper, bronze, and brass bands, but also for tubes, rails, wires, and for torsional, punching and pressing parts (as bulk material).

BRANOpac Solutions with System

According to your requirements, you have the choice between three BRANOpac solutions: BRANOpac Basic, Premium or Customized.



BRANOpac
Solutions with System

BRANOral C10

Product Information

■ Delivery Forms

Containers of 10, 20, 50 or 200 litres

■ Storage

Do not store in blazing sun; always keep containers closed. In the sealed original package BRANOral C10 is preservable up to 5 years.

■ Operation Safety

According to the hazard substance ordinance, BRANOral C 10 is a dangerous preparation. It is inflammable (R11). Keep container tightly sealed (S7).

Keep from ignition sources, no smoking (S 16). Further information can be found in the safety data sheet.

The information given is in line with current state of knowledge. It's non-binding and might have to be adjusted to meet local requirements. No liability is accepted for this information. Please contact us in case of doubt.

You will find more information at
www.branopac.com

Technical Details	Density at + 20°C: Flash Point: Danger Classificatio (VbF) Ignition temperature: Miscibility:	0,81 g/cm ³ 12 °C B 425 °C Miscible with water, alcohol, kettone or similar, miscible with white oils, spindle oils or CKW in the application required concentration (approx. 1%).
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■ Disposal

According to the German recycling and waste disposal laws (Kreislaufwirtschafts- und Abfallgesetzes), inclusive of the ordinances which go with them, undiluted BRANOral C 10 as well as oils and solvents doped with it are hazardous wastes. They can be supplied to suitable facilities for energy utilisation or disposal. BRANOral C 10 is intended for greatly diluted use (approx. 1%) in various media. When the operating-conditional impurity is allowed and not prohibited by official regulations, the diluted rest of such baths can be greatly thinned with water and discharged into wastewater.



Branopac
Solutions with System

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