

Vecinox Passivating Liquid

Liquid to passivate austenitic stainless steel.

- Passivating agent based on nitric acid, applied after pickling with Pickling Liquid, Pickling Paste or Pickling Spray
- Also to be used as shining agent on aluminium
- Very well suited to use in immersion bathes

Application

VECINOX PASSIVATING LIQUID is a passivating agent based on nitric acid and non-ionogenic surface-active components. The product generates an oxide layer on austenitic stainless steel after pickling. Then the metal is passive. VECINOX PASSIVATING LIQUID is, as undiluted liquid, only to be used on austenitic stainless steel. Diluted, it is suited to clean aluminium. VECINOX PASSIVATING LIQUID is mainly used to passivate pickled installations and tanks. It is to be used by circulation and by spraying.

Directions for use

General

Passivating with VECINOX PASSIVATING LIQUID is to be done after pickling (e.g. with Pickling Liquid, Pickling Paste or Pickling Spray).

Circulation

This method is mainly applied in pipeline systems. Fill the system with undiluted VECINOX PASSIVATING LIQUID. The product is used cold, the duration of the treatment will be approximately 2 hours. Drain the system and rinse thoroughly with demineralized water. After drying, test the passivity with a PALLADIUM TESTSET.

NOTICE: Prior to discharging the passivating liquid, it has to be neutralized with quicklime.

Spraying

This way it is usually used by a tank cleaning machine that is resistant to VECINOX PASSIVATING LIQUID. The liquid is sprayed undiluted. A working time of approximately 15 minutes is usually sufficient. Rinse thoroughly with water. Use, if possible, demineralized water. After drying, test the passivity with a PALLADIUM TESTSET or the PASSIVITY TESTER.

Cleaning of aluminium

For cold cleaning of aluminium parts, VECINOX PASSIVATING LIQUID should be diluted in a ratio of 1 to 1 with water. The duration of the cleaning is approximately 2 hours. Afterwards rinse with water until neutral water comes out. The cleaning solution should be neutralized prior to discharging.

Properties

Specific Gravity (20 °C)	: 1.1
Flash point	: none
pH (1% solution)	: 1.0

Contains approximately 20% nitric acid.

Nature of special risks and safety advice

See our Material Safety Data Sheet.

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The details of our products are given completely free of undertaking. Since their application lies outside our control we cannot accept any liability for the results. Contact details: sales@v-comchemicals.nl / +31 (0) 10 593 0203