

CARECLEAN PASSIVATING LIQUID

Liquid for passivating austenitic stainless steel

- Passivating Liquid is based on nitric acid and non-ionic surface active substances.
- The product provides austenitic stainless steel with a protective oxide layer after it has been pickled. The metal is then passive.
- Passivating Liquid, undiluted, is suitable for use only on austenitic stainless steel.

Application

Passivating Liquid is used mainly for the passivation of pickled installations and tanks. It can be applied in the following ways:

1. by circulation
2. by spraying

Direction for use

General

A passivating treatment with Marine Care Passivating Liquid can only take place if the steel has been pickled previously (i.e. treated with Careclean Pickling Liquid or Careclean Pickling Paste).

Circulation method

This method is applied mainly in pipe systems. Fill the system with undiluted cold Passivating Liquid. The time taken for treatment is approx. 2 hours. Drain the system and rinse thoroughly with demineralized water. After drying test the passivity of the steel using the Marine Care Palladium Test Set.

N.B. Before disposing the passivating fluid it should be neutralised. For this use slaked lime.

Spraying

This method is generally used in tanks with a tank washing device which is resistant to our product Careclean Passivating Liquid.

The Passivating Liquid fluid is sprayed undiluted using a spraytime of approx. 15 minutes. After this rinse thoroughly with plenty of water using, preferably, demineralised. After drying, test the passivity of the steel with the aid of a Marine Care Palladium Test Set.

Properties

Strong acidic product. Contains nitric acid. Fully miscible with water. Undiluted it is suitable for use only on austenitic stainless steel. When diluted it is suitable for cleaning aluminium.

Specific gravity (at 20°C) : approx. 1.1 kg/ltr.
Flashpoint c.c. : none
pH (1% solution) : approx. 1.0

For detailed information on safety and health, please refer to Material Safety Data Sheet and / or Product label.

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.