



STAINLESS STEEL PASSIVATING

APPLICATIONS

PASSIVATING LIQUID is only suitable for use on austenitic stainless steel. The product is mainly used for passivating stainless steel installations and tanks.

DIRECTIONS FOR USE

The products may be used by circulation, spraying and in immersion bath. The surfaces to be cleaned must be free of oil, grease and ink marks.

CIRCULATION METHOD

This method is mainly used for treatment of pipelines. The pipeline is filled with undiluted PICKLING LIQUID and circulated through pump and tank loop arrangement. Treatment time is between 2 to 6 hours depending on the degree of contamination. Do not pickle longer than required. Drain the lines and flush through thoroughly with demineralised water. Passivation should be carried out immediately after with PASSIVATING LIQUID. The treatment time is about 2 hours. Drain the lines and flush through with demineralised water. After drying the lines, test the passivity of the steel with a Palladium test set.

SPRAYING METHOD

This method is mainly used for treatment of large surfaces such as cargo and storage tanks. The product is sprayed undiluted using suitable tank washing machine. The treatment procedure is the same as the circulation method.

IMMERSION METHOD

This method is used mainly for treatment of internal and external surfaces at the same time. The articles to be treated are immersed into a plastic or plastic lined bath. The treatment procedure is the same as the circulation method.

CLEANING ALUMINUM

For cleaning aluminum, dilute PASSIVATING LIQUID 1:1 ratio with water. Cleaning time is approximate 2 hours. Rinse thoroughly with water.

TREATMENT OF EFFLUENT

Before disposing the treatment products it is necessary to neutralize the acid and make the fluorides and heavy metals insoluble with slaked lime to give a pH of 8.5 to 9

Code: 161161344

PASSIVATING LIQUID

Specialy formulated for authenitic stainless steel treatment

- Removes weld slag, annealing scale, grinding dust and iron particles
- Fast passivating reaction
- Forms uniform protective oxide film
- Suitable for cleaning aluminum

Product Characteristics

Appearance: clear liquid

pH 1% solution: <1

Density: 1,11 (20° C)

Flash point none

IMO Class: 8 / II

UN Number: 2031

ADR: 8.2b)



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NATURE OF SPECIAL RISKS AND SAFETY ADVICE

Code: 161161344

**In accordance with the latest EEC Council directives
these products are subjected to:**

R35 : Causes severe burns
S2 : Keep out of reach of children
S23 : Do not breathe gas, fumes, vapor and spray
S26 : In case of contact with eyes, rinse immediately
with plenty of water and seek medical advice
S27 : Immediately take off all contaminated clothing
S36/37/39 : Wear suitable protective clothing, gloves
and eye / face protection
S45 : In case of accident or if you feel unwell, seek
medical advice immediately (show the label if
possible)