

# ProTank Pickling

ER-PICKLING LIQUID

Cleaning stainless steel surfaces after welding

## Description

ProTank Pickling is formulated with strong acids and surfactants, such as nitric acid and hydrofluoric acid and used only for cleaning stainless steel surfaces. It should not be used on metal surfaces other than stainless steel due to its corrosive effect on these surfaces.

## Directions For Use/Applications & Dosage Rates General Cleaning

Before starting the surface cleaning process, check the surface to be cleaned for oil contamination. If there is oily contamination on the surface, proper cleaning should be carried out before the surface cleaning process. Cleaning can be done by using ProClean APC from ERTEK Chemicals products for hydraulic oils accumulated on the surface and ProHold Alka for animal or vegetable oils. ProTank Pickling can be applied by circulation and immersion methods.

### The Circulation Method:

This method is mostly used for cleaning pipelines. The pipeline is filled with non-diluted ProTank Pickling and circulated for 2-5 hours. Pipelines should be checked every hour during circulation to see if the surface cleaning process has been completed. After the process is completed, the pipelines should be drained and washed with water. Next, the pH of the inner surfaces of the pipelines must be checked, and if necessary, ProTank Passivating can be applied for passivation.

### The Immersion Method:

Immersion is used to remove limescale or weld residues on small parts. Immerse the pieces in a plastic tank filled with undiluted ProTank Pickling and leave for 2-5 hours. Parts are checked every hour to see if the process is complete. When the process is finished, the parts are rinsed with water and, if necessary, passivation is applied.

### Spraying Method:

Spray undiluted ProTank Pickling Liquid onto the stainless steel. Allow the reaction to occur for 30 minutes or longer for optimal results. Do not let it dry before rinsing. After pickling, thoroughly rinse with demineralised water. If necessary, passivate the surface after rinsing.

Acid – Based Cleaner

## Summary

- Effectively removes dirt and weld residues that damage stainless steel surfaces.
- It is not a flammable or toxic product.
- ProTank Pickling is easy to use
- It can be applied without requiring any heating.

## A) Organic Properties

### Appearance

Physical State (20°C): Liquid

Color : Light yellow

Odor : Strong acid smell

## B) Physical Properties

pH : 0-2,0(%1)

Molecular Weight : -

Explosion Limit : No

Density : 1.10-1.20 g/cm<sup>3</sup>

Solubility : Completely soluble in water.

## Storage Conditions

Packaging Type : 25-30-200 liters sealed, original plastic drum

Storage Period : 3 years

## Approvals & Certificates



Product No

: SP-KS-080