

DESCRIPTION

“**ER-APC AQUA**” is heavy duty water based alkaline cleaner. It has cleaning applications including removal of greases, waxes, vegetables and animal oils, sludge, soot, carbon deposits, coal residues, dirt and grime. It is appropriate with all cleaning methods. It can be applied by brush, hand spray, high and low pressure washing machines, etc. It is a highly foaming product nevertheless, it can also be used together with foam agent if needed.

ER APC AQUA is also used for inert gas soot (IGS) cleaning in cargo tanks, it very efficient for removing inert gas soot residues from cargo tanks.

Product Name	: <u>ER-APC AQUA</u>
Document No	: SP-KS-042
Chemical Name	: Chemical Mixture
Usage Area	: Dirty surfaces with petroleum and oil

A. ORGANIC PROPERTIES

Appearance

Physical Status (20°C)	: Liquid
Color	: Ambergris
Smell	: Soft

B. PHYSICAL PROPERTIES

pH	: 13,2 -13,9
Molecular Weight	: -
Flash Point	: -
Density	: 1,05-1,15 g/cm ³
Solubility in Water	: Completely

APPLICATION, FEATURES & BENEFITS

- ✓ Water based product
- ✓ Non toxic,
- ✓ Completely biodegradable and safe to use.
- ✓ Does not contain nonyl phenol ethoxylates or other estrogenic compounds.
- ✓ High dilution rates, very economical

✓ Free from hydrocarbon solvents

STORAGE INFORMATION

Store at moderate temperatures,

Packing: 25-30-200 L. sealed plastic and tin drums.

Storage Period: 3 years.

DIRECTIONS FOR USE/APPLICATIONS & DOSAGE RATES

If ER-APC AQUA will be used with “High Pressure Machine” use 1:6 with water. Apply the product neat on the surface allowing 1 lt per 10-15 m². Leave the chemical on the surface for about 30-45 minutes. The surface must remain wet during this period. Then wash down with hot water at 60-80 °C and check the result. If necessary repeat the procedures.

Direct Injection Method for Cargo Tanks

While doing cargo tanks cleaning with tank washing machine, use a dose rate of 10-30 litres ER-APC AQUA per ton wash water. (1-3%)

Hand Spraying Method

Hand spray ER-APC AQUA undiluted or prepare a 20% solution with it, and leave on the surface for 20-30 minutes before rinsing off with water. The surface should be kept wet.

Recirculation Method

Use ER-APC AQUA with a dose rate of 10-30 litres per ton wash water (1-3%).

Cargo Tank and Cargo Hold Cleaning

ER-APC AQUA can be used for tank cleaning after animal, vegetable and fish oil, petroleum waxes, and for cargo hold cleaning after soot, coal and other bulk materials.

Cleaning of IGS in Tanks

- Recirculation method with tank washing machines is recommended using a 3-5 % solution in freshwater at 75°C
- Spot cleaning: Hand spray 20-30 % solution. Leave for approx. 15 minutes before rinsing with freshwater. Keep surface wet.