

DESCRIPTION

“ER-AC PLUS” is a heavy duty water based alkaline cleaner and degreaser. It is used for numerous cleaning applications including cleaning of vegetable oils, animal oils, fatty acids, fish oils, greases, waxes, oil, sludge, soot, carbon deposits general dirt, grime and inert gas soot in cargo holds and tanks. It is safer than sodium hydroxide based tank cleaners and leaves less white traces on tank surfaces after vegetable oil cleanings. ER-AC PLUS can also be used as a cargo hold cleaner after coal – and petcoke cargoes.

Product Name : **ER-AC PLUS**
Document No : SP-KS-37
Chemical Name : Chemical Mixture
Usage Area : Oil-dirt remover chemical in stainless steel, epoxy and polyurethane tanks, deck, engine rooms, cabins and bilges.

A. ORGANIC PROPERTIES

Appearance

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

B. PHYSICAL PROPERTIES

pH (in %1 solution) : 12,5 - 14.0
Molecular Weight : -
Flash Point : -
Density : 1.05 – 1.15 gram / cm³
Solubility in Water : Completely.

APPLICATION, FEATURES & BENEFITS

- ✓ Very powerful alkaline cleaner based on strong anionic surface active agents and alkaline salts.
- ✓ Not sodium hydroxide based, if used with solution under 50 °C does not leave white traces on tank surfaces.
- ✓ Cleans vegetable oils, animal oils, fish oils, greases, waxes, oil, sludge, soot, carbon deposits, general dirt and grime by thorough saponification.
- ✓ Very efficient for removing inert gas soot (IGS) residues from cargo tanks.

- ✓ Biodegradable.
- ✓ Contains no hydrocarbon solvents.
- ✓ Safe to use on epoxy coatings, polyurethane coatings and in stainless steel tanks.
- ✓ Not suitable for use on Aluminium, Magnesium and Zinc Silicate coatings.
- ✓ Does not contain nonyl phenol ethoxylates or other estrogenic compounds.
- ✓ Has excellent deodorizing properties, removes odors of aromatic solvents, fish oil residues and other bad smells.

STORAGE INFORMATION

Store at moderate temperatures

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

Storage Period: 3 years

DIRECTIONS FOR USE / APPLICATIONS & DOSAGE RATE

Pre-wash:

Application temperature is 55-65°C for hydrogenated oils containing stearic acid. Before cleaning tanks with ER-AC PLUS it is recommended to prewash the cargo tanks with hot water 50 – 60 °C. For Drying oils and Semi-Drying oils prewashing should be done with cold water.

General Cleaning:

Direct injection method with tank washing machines:

Dosage rate 10-50 liters per 1000 liters wash water. (1–5%)

Recirculation method:

Use dosage rate of 20-50 liter per 1000 liter wash water. (2-5 %)

Spot cleaning:

Apply with hand spray ER-AC PLUS undiluted or prepare a 10-20% solution. Leave for approx. 30 minutes before rinsing with water. Keep surface wet during waiting period.