

ProTank Energy ERCLEAN ENER-G

Concentrated tank cleaner

Description

ProTank Energy is a water-based concentrated slightly acidic tank cleaner formulated for the effective removal of white residues remaining after transport of fatty acids, and the removal of oil and fat stains. ProTank Energy is a two-stage product. Palm oil distillates (PFAD) are used in many vegetable oil cargoes, such as CPO, crude palm kernel oil (CPKO), palm stearin, olein, etc., and ensure that tank surfaces are protected from white dust. It reduces cleaning time and provides a faster and more effective solution.

Directions For Use/Applications & Dosage Rates General Cleaning

Method	Dosage	Apply Temperature	Washing Medium	Nr of Tanks to be Used
Recirculation via Tank Cleaning Machine	1-2% per 1 Cbm	30-60C	SW/FW/TFW	2-3*
Spraying Method	1-2% per 100 ltr	<60C	FW/TFW	N/A
Spot Cleaning	Pure or Diluted with water 2-10% Ratio	<60C	FW/TFW	N/A

SW : Sea Water / FW : Fresh Water / TFW : Treated Fresh Water

*: You can use the same solution for 2-3 tanks if the contamination is low

Spray Method

Prepare a 1.0-2.0% cleaning solution with clean water, leave the solution on the surface for 5-10 minutes, and then clean with water. Heat the solution up to 60°C for better results. Since it is not abrasive, it can be used on any surface.

Circulation Method

Prepare a 1.0-2.0% cleaning solution with clean water and circulate or spray with water jets to remove contaminated tank surfaces. Recirculate around 30-60°C for at least 3-4 hours. The solution can be reused until it is no longer effective. Test after circulation and, depending on the next cargo, rinse the tank with fresh or DI (demineralised, distilled) water.

Spot Cleaning

Depending on the condition of the pollution, ProTank Energy should be sprayed undiluted or diluted between 2.0-10.0% and allowed to be absorbed in the area for 20-30 minutes. Finally, rinse the tank with plenty of hot, clean water for about 30-40 minutes. In order to clean all cargo residues completely, a solution of 5.0-20.0% is prepared with hot fresh water and the same processes are applied with spot cleaning. The efficiency of the solution can be increased by using warm water up to 60°C when cleaning and rinsing tank surfaces.

Tank & Cargo Hold Cleaners

Summary

- It is a highly concentrated, effective and economical.
- Reduces tank cleaning time.
- Does not contain solvents.
- It is a hydrocarbon-free product.
- Safe on epoxy coatings and stainless steel.
- It is used on many vegetable-based oil cargoes.

A) Organic Properties

Appearance	: Transparent
Physical Condition (20°C)	: Liquid
Colour	: Colourless
Odor	: Very light

B) Physical Properties

pH	: 1.0-1.10
Molecular Weight	: -
Flash Point	: No
Density g/cm ³ (20°C)	: 1.13-1.14
Water Solubility	: Completely soluble

Storage Conditions

Storage	: Store at room temperature.
Packaging Type	: 25-200 liters sealed plastic bucket/barrel
Storage Period	: 3 years

Approvals & Certificates



Product No : SP-KS-412