

### TANK CLEANERS



## TANKLEEN IGS

### HEAVY-DUTY ALKALINE, INERT GAS SOOT AND MULTIPURPOSE CLEANER

#### DESCRIPTION

**TANKLEEN IGS** is a strong, alkaline tank cleaner that provides excellent Inert Gas Systems soot (IGS) cleaning results on tanks. It is highly concentrated, comprising powerful biodegradable detergents, surfactants and corrosion inhibitors.

Furthermore, **TANKLEEN IGS** may be used for cleaning of animal, vegetable oils and fats and mineral oils/petroleum products, greases, waxes, sludge, carbon deposits, dirt and grime. Compatible with most painted surfaces and works well in hard, soft, ambient and hot water. Dries leaving a good shine.

**TANKLEEN IGS** is an IMO approved tank cleaner. Only cleaners registered in Annex10 of IMO's MEPC.2/Circular can be used and disposed of at sea for cargo tank cleaning, when the cargo residue slops are disposable at sea. Its composition meets the criteria for not being harmful to the marine environment according to MARPOL ANNEX V.

#### APPLICATION

**TANKLEEN IGS** is suitable for cleaning stainless steel and epoxy coated tanks from Inert Gas Soot. It may also be used for engine room and/or deck cleaning and degreasing, limiting the number of different cleaning detergents required onboard.

#### USE AND DOSING

Instructions are based on experience and are meant only as a guide since circumstances for each tank cleaning operation vary. They are not intended to interfere with the judgment of the vessel's responsible personnel.

**Before Tank Cleaning:** It is recommended that tanks and lines are well stripped and drained. Do not overheat as this may change the characteristic of the cargo and in some cases burn the cargo on the bulkhead. Carefully read the cargo specification. Precleaning tanks with high pressure warm water is highly recommended since large deposits of oil or other residues in the tank must be removed to ensure an effective cleaning operation. In the case of drying or semi-drying oils (vegetable, animal and fats), prewash with cold water as soon as possible after completion of discharging to prevent formation of hard tenacious residues.

**Direct Injection with Recirculation:** Prepare a 0.1-5.0% solution for the tank washing machines (1-50 litres per ton wash water). Stronger solutions may be required, for heavily contaminated surfaces, up to 8%. Recirculate the solution at 65-80°C for 2-8 hours, depending on the cargo and size of tank. One solution is usually sufficient to clean 3-4 tanks. Rinse the tanks for 1-3 hours with warm sea water at 55-60°C. Finally, flush tanks with freshwater to remove salts, mop and dry.

It is better not to use the entire quantity of **TANKLEEN IGS** for the initial solution

- ✓ Specialized product for cleaning Gas Systems soot
- ✓ Versatile; may be used for cleaning engine room and/or deck
- ✓ May be used as deodoriser
- ✓ Concentrated and heavy duty product
- ✓ Leaves no film on the cargo tanks
- ✓ Non-flammable
- ✓ Fully biodegradable
- ✓ Effective and economical in use
- ✓ IMO approved tank cleaner

#### PROBLEMS SOLVED

- ✓ Inert Gas Systems soot
- ✓ Various cleaning tasks that require an alkaline cleaner

#### APPLICATION AREAS

- ✓ Tanks
- ✓ Decks
- ✓ Engine room
- ✓ General cleaning

PRODUCT CODE: MC 085

**High Pressure Cleaning:** Use high pressure cleaning equipment and spray **TANKLEEN IGS** onto the surface, mixing 1 litre per 4 litres of water. When using a hand sprayer, apply 1 litre of undiluted **HOLDCLEAN** per 12 m<sup>2</sup>. Allow solution to penetrate soil for about 30-45 minutes and then wash off thoroughly with high pressure fresh water, heated up to 80°C. Always wash off before chemicals dry on the surface. Repeat the procedure, if necessary.

**General Cleaning:** Use conventional ways of cleaning, such as brush, hand spray, high- and low-pressure washing machines etc. The strength of the solution depends on the degree of contamination. Apply the solution, allow it to penetrate soil, but do not allow chemicals to dry on the surface. Wash off thoroughly. Repeat the procedure, if contamination persists.

### PRODUCT PROPERTIES

Concentrated product is incompatible with aluminum, zinc, tin and their alloys. It is recommended to test all cleaning chemicals on a small area of tank coating, before full scale application. General Instructions: Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before and during use.

Appearance:	Liquid	pH (undiluted):	Alkaline
Type:	Water based	Flash Point:	None