



RX MARINE INTERNATIONAL

Total Solution Total Protection

AN ISO CERTIFIED COMPANY



Marine Clean SC

Part/Order no:	Packing
RXSOL-20-2010-25	25 Ltr
RXSOL-20-2010-210	210 Ltr

Product Description:

Marine clean SC is a superior NON- CAUSTIC BASED cleaner which is developed for use in TANK and other systems containing aluminium and other soft metal. It is also novel blend of organic and inorganic corrosion inhibitors, including molybdate, intended to protect steel, copper and other nonferrous metals. RXSOL-20-2010-210 strong non-caustic surfactant basis Tank cleaning and degreasing Product. It is based on the latest and most powerful biodegradable Surface Active and emulsifying agents. It contains fatty alcohol ethoxylates, metasilicates and complexing agents. It works well in hard, soft, ambient and hot water. It is ideal for soot removing and cleaning of extremely dirty tanks after Mineral Oils/Petroleum Products. Note. All cleaning chemicals have reduced effect with seawater.

Application:

- Non-Flammable.
- Leaves no film in the cargo tanks.
- Easy to apply. Effective and economical in use.
- Suitable in sea & fresh water.
- Contains no ethoxylated nonylphenol (NF).
- Biodegradable.

Dose:

Prior to use of any chemicals, make sure the tanks and lines are well stripped and drained. A proper pre-cleaning will reduce the amount of chemicals required. Further, do not overheat as this may change the characteristic of the cargo and in some cases burn the cargo to the bulkhead. Carefully read the cargo specification. For vegetable, animals, and fats: Tanks containing drying or semi-drying oils should be flushed or pre-washed or moisten as soon as possible After Completion of discharging to prevent formation of hard tenacious residues. The temperature used for pre-cleaning will depend on whether the cargo is drying, semi-drying or non-drying, and the cargo's melting point. Thus an individual cleaning operation should be made for each cargo.

Due to the fact that the zinc is porous, a prolonged pre-cleaning with lower temperatures is highly advisable prior to introduction of chemicals on such lining.

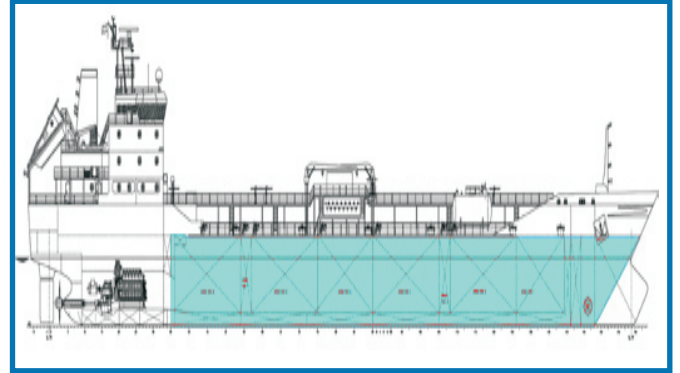
Re-circulations:

- Flush tanks with ambient seawater to remove remaining cargo to slop. (As per MARPOL 78/73).
- Recycle tanks with increasing temperature for 2-8 hr, depending on cargo and size of tank. This is a very important operation, as it will remove oily mud and residues in the coating/steel.
- Make a mixture with fresh water and 0.5 - 2 % Marine clean SC. Insert the mixture into the tank and commence the re-circulation wash for 2-8 hr. Increased temperatures will improve the cleaning result. Maximum effect from chemical at 65°C. Do not overheat, as this may burn the cargo.

- Flush tanks with large amount of warm seawater (2-3 hr) to remove any residues of Chemicals.
- Flush tanks with freshwater to remove salts, mop and dry.

Spot cleaning after most CPP / hydroc- hydrocarbons.

- Marine clean SC may be sprayed on the bulkhead neat or diluted , to areas where residues remain after tank washing,“Spot Cleaning”. A heated dilution is found to be very efficient.
- Product should be allowed to stand for 10-30 minutes prior to re-washing areas. Do not leave the product to dry on bare coating.
- Clean areas by flushing manually with high pressure, using fresh water, or by performing a re-circulation. For persistent deposits, agitation by scrubbing will assist the cleaning operation. Heated water will increase the cleaning effect.



Technical Specifications:

Odour.	Odourless.
M.W.	Liquid, colourless to yellow, soluble in water.
PH.	11.5 - 12.5 at 0.1 % concentration, pH 13 - 14 at 100 % concentration.
Boiling point.	>100 °C at 760 mm /Hg.
Vapour pressure.	not known.
Vapour density.	not applicable.
Freezing point.	5 °C at 760 mm/Hg.
Completely soluble in water.	-
Specific gravity.	1.23.

