



**RX MARINE INTERNATIONAL**  
**Total Solution Total Protection**  
AN ISO CERTIFIED COMPANY



## Alkaatuff

**Part/Order no:**

RXSOL-22-3030-025

**Packing**

25 Ltr

### Alkaatuff:

Very effective water - based cleaner for use in hold cleaning and general degreasing. its heavy molecular surfactants rapidly reacts with water and produce effective cleaning solution .May be applied by brush, hand spray and by high and low pressure washing machines.

It is a heavy duty non corrosive concentrated cleaning compound soluble in fresh and salt water , also suitable with high pressure cleaning machines. Ideal for difficult cleaning problems faced in industrial and other plants, Very effective degreaser which removes dirt, oil and grease from the equipment, parts, components, engines, floors and walls etc.

### ALKAATUFF HIGH FOAM LIQUID - HD (RXSOL-22-3002-HF)

The Importance of Alkaatuff by High-Pressure Cleaning

The job of high pressure cleaning can be done easier & quicker by simply using Alkaatuff in correct dosages. Using a high pressure cleaner alone, without any CLEANER, will not achieve optimal cleaning results High-pressure cleaning primarily refers to cleaning of Hard surfaces, such as Decks, Tanks, Engine-rooms, etc. and in the majority of cases the cleaning is done according to the so-called two-step method:

After the Alkaatuff has been sprayed on the surface and before the wash down begins, the chemicals penetrates & thoroughly moistens dirt & other grime. During wash down, the Alkaatuff thoroughly dissolves the particles of dirt, even oil and fat, in the water spray and thus achieves optimal cleaning results . In addition to being more effective, the use of Alkaatuff substantially reduces the time required for the Cleaning operation, as well as preventing dirt from reforming on the surface. The use of Alkaatuff in correct dosages is half the job done.

### 3 Pieces of Good Advice:

Apply Alkaatuff on dry surface where possible! A dry surface will absorb far better than a wet surface. When applying Alkaatuff on vertical surfaces: Start application from the bottom and work upwards! If beginning from the top and going downwards, the Alkaatuff may produce "channels" down the surface, thereby running too fast off the surface. During high pressure cleaning: It is important that the rinsing water does not run over non-cleaned surfaces! The rinsing water can draw soap from the surface if running over non-cleaned surfaces. High pressure together with optimum concentration of Alkaatuff will give the best effect .

### Product Description:

Alkaatuff is a superior & powerful alkaline cleaner containing corrosion inhibitors to prevent the corrosion of metals . It is low toxic product with an exceptional solvency power on soil & oily matter & having good foaming qualities. It is free from Hydrocarbon solvents , Biodegradable and minimizes the extreme hazards to personnel in handling materials .

## Applications:

Alkaatuff Suitable for cleaning engine components like fuel and Lube oil filters, Injection nozzles, pump components, inlet and exhaust valves & primarily refers to cleaning of hard surfaces, such as Decks, Tanks, Engine-rooms, etc. can be used for all types of cleaning and degreasing and may be applied by brush, handspray, high and low pressure washing machines etc.

## Directions for Use and Dose Rates:

**General Cleaning :-** Rx Tuff can be used for all types of cleaning & degreasing & may be applied by Brush, Hand spray, high and low pressure washing machines etc. Time necessary for cleaning depends on the nature and thickness of the deposits. 20-30 min. will suffice for most applications. Hardened, carbonised or aged deposits may require up to 4 hours.

If the cleaning solution is not heavily contaminated, it may be re-used at a later stage. If allowed to cool, the de-gassing procedure must be repeated. Depending on degree of contamination Alkaatuff should be mixed with warm water at a rate of 50-200 ml per 10 litres. i.e. 1 cup of Alkaatuff to a bucket of water. Alkaatuff solution can be applied simply by mops, brushes or rags, or by dipping the soiled articles into the Alkaatuff solution. After cleaning, rinse off with cold or warm water. Due to high foaming properties, Alkaatuff is not recommended for washing machines

Tank Cleaning:-

Cargo tank cleaning to remove residues of Mineral, Animal, Vegetable or Fish oil, Waxes & Soot from inert gas systems.

## **Method of Application and Dose Rates:-**

- Direct injection method for tank washing machines. Dose rate 1-5 litres per ton wash water (0.1-0.5%)
- Recirculation method. Dose rate 1-7 litres per ton wash water (0.1-0.7%).
- Spot hcleaning. Hand spray neat or diluted with up to 5 parts water and leave for several minutes before rinsing off with clean water.

## **Cleaning of Cargo Tanks to Remove Soot from Inert Gas Systems:-:**

- spray Alkaatuff on with a high pressure cleaning machine and use 1:6 with water . If used with hand sprayer ,spray
- the product neat onto the surface, allowing 1 lit. For every 12 m2. Use a 5-8% solution in a tank washing machine.
- Leave for about 30-45 minutes. The surface should be kept wet.
- Wash down with hot water(80°C) and check the cargo tank.
- Repeat the procedure if necessary.

## **Note:**

When ever possible, the cleaning solution should be heated to 60-80°C.If this method is not possible, other conventional methods such as separate rate direct injection, re-circulation or hand spraying provide acceptable options . For boiler fire side cleaning, a 10-20 % hot solution, (temp. above 40°C), should be sprayed on to the surfaces to be cleaned. Allow to penetrate for 20 minutes and flush off. For deposits which are very hard to remove, increase the concentration to 50% and repeat if necessary.

