

**RAKIRO BIOTECH SYSTEMS PVT LTD**

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Doc No : TDSWTAHUCLN  
Date : 01-04-2024  
Type : UDAAQ  
Product Code : WTAHUCLN

**PRODUCT DATA SHEET****1 INFORMATION**

Product Code: WTAHUCLN  
Product Name: Air Handling Unit

Application: AHU Cleaning

**2 DESCRIPTION**

UDAAQ AHU CLN is an inhibited alkaline cleaner. The product is used for cleaning of Air Handling Units (AHU) & Aluminium piston and Radiators.

AHU if not cleaned readily & properly lose their cooling efficiency. This drastically reduced efficiency in turn makes the AHU consume more electricity. Therefore to prevent this problem it is important to clean the AHU regularly. An effective cleaner would keep the AHU free of muck and dust running efficiently, thereby keeping the electricity consumption low.

Most heavy duty cleaning can be done with the concentrated product, UDAAQ AHU CLN which has an exceptionally long tank life. It does not produce any objectionable odours and is extremely economical.

**3 SALIENT FEATURES**

Effective cleaner  
Easy to handle  
Safe

**4 ANALYTICAL DATA\***

Appearance	:	Colourless to off white hazy liquid
pH	:	More than 10
Density	:	1.0 To 1.1

**5 HANDLING INSTRUCTIONS**

Keep the container away from direct heat & sunlight. Keep the container closed when not in use. The product should not be swallowed and prolonged contact with the skin should be avoided. Should it come in contact with the eyes, flush with clean, cold water and get medical attention.

**6 RECOMMENDED DOSAGE**

Air Handling Unit

Use aluminium cleaner UDAAQ AHU CLN in a 1:5 ratio with low hardness water, at a temperature of 50°C in a spray pot. The Total volume should be sufficient to circulate completely in the system. Spray this liquid uniformly on an aluminium surface to be cleaned. Wait for 15 minutes. Again spray this solution on the same surface and finally wash the surface by spraying tap water only. The 1: 5 dilution is ideal for general cleaning. Still the function of cleaning will depend on the extent of dirt accumulated on the surface. Therefore depending upon the dirt the solution can be diluted accordingly.

Aluminium Piston Cleaning

UDAAQ AHU CLN is to be used in a still or mechanically agitated hot tank. It can be used at a concentration of 250 –350 gms / lit and at a temperature of 75°C. After sufficient soaking time in a hot tank (3 – 4 hours) the piston should be removed and rinsed at once.

Radiator Cleaning

Shut off the engine before using UDAAQ AHU CLN. Add 250 – 350 gms of UDAAQ AHU CLN / lit. at a temperature of 75°C. If the radiator tubes are badly soiled, a circulation system needs to be used so as to reach all sections to be cleaned. If radiator tubes are not badly soiled, a still or mechanically agitated hot tank may be used. This is followed with a thorough rinse.