

FOR ALL TYPE OF WATER SCALES

Remove Deposits **SAVE FUELS**



Cleanchem-555

A Super Strong Cleaner

PRODUCT TECHNICAL BULLETIN

GENERAL DESCRIPTION

CLEANCHEM-555 is a carefully formulated blend of Chemicals with inhibitors and other Surfactant chemicals. Generally it is diluted in water and can be used in all proportions, depending upon the characteristics and Degree of deposition.

PRODUCT BENEFITS

CLEANCHEM-555, cleans all type of scale deposits rust without any effect over base metals. Saves time and Labour because even complex equipment is cleaned without dismantling.

SPECIFICATIONS

APPEARANCE.....	WHITE TO YELLOW/GREEN/RED
FORM	LIQUID
FLASH POINT	NONE
VOLATILITY	NONE
SPECIFIC GRAVITY	1.13
PH (1% SOLUTION)	1.48
DENSITY	1.14 Gm/CC
ODOUR	ACIDIC, PUNGENT
FREEZING POINT	-45°C
RINSABILITY	EXCELLENT
PHOSPHATE	NONE

USES

CLEANCHEM-555, removes hardness and other metal oxide deposits from Boilers, Evaporators, Heat Exchangers, Condensers, Cooling Jackets, Vessels, Piping and all other equipments. It is recommended for all metals except Zinc, Aluminium and Tin.

HANDLING, STORAGE AND SHELF LIFE

Keep drums upright. Keep containers closed when not in use. Replace closure after each withdrawal. Shelf life is very long.

PRECAUTIONS

Causes Burns. Do not get in eyes, on skin, on clothing. Avoid breathing of vapour. Use adequate ventilation. Keep solution of CLEANCHEM-555 away from flames or points of ignition.

APPLICATIONS

Suggested solution strength of CLEANCHEM-555 is 15—20% by weight or ratio may change as per amount of scaling and type of equipment. In general conditions 1 kg. of CLEANCHEM-555 will remove approximately 0.8—0.95 kg. of scale.

Cleaning may be at room temperature but reaction can be speeds up as the temperature increases. Normally, maximum 60° C temperature is recommended. Cleaning time 12—15 hours varies with condition and amount of scale, temperature, solution strength etc.

PROCEDURE

Cleaning as such can be divided in to two methods. One "Soak Method" and another "Circulation Method". Usually water tube boilers, Closed circuit equipment, Heat Exchangers, Condensers, etc are cleaned by "Circulation Method". In this method solution is circulated throughout the equipment from the bottom upto ensure contact with all pockets. Intermittent circulation may accelerate the cleaning action.

Boilers like Lancashire, Locomotive, Verticle etc. may be cleaned by "Soak Method". In this method CLEANCHEM-555 solution is filled for some hours and heated, tilted periodically.

Over all circulation procedure is more effective and time saving for uniform de-scaling.

CHECKING OF COMPLETION OF CLEANING

To Ensure that de-scaling of equipment is complete the concentration of acid will remain constant. If however the solution shows no acidity more CLEANCHEM-555 should be added to de-scaling solution and process of de-scaling continued till the constancy of concentration of acid is achieved.

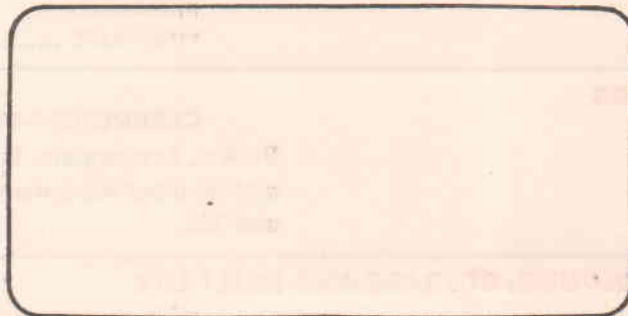
WASHING AND NEUTRALIZING

After completion of cleaning drain the equipment and wash thoroughly with water. Finally flush the equipment with dilute solution of soda ash to ensure neutralization.

Whatever be the Equipment :

- BOILERS
- CONDENSERS
- HEAT EXCHANGERS
- JACKETS
- HEATING & COOLING COILS
- AIRCONDITION AND REFRIGERATION PLANTS
- COLD STORAGE COOLING PLANTS
- AND

Authorised Dealer :



For All Machines Where Water Scale Deposits Occour

INFORMATION : IN THIS PUBLICATION MAY BE AMENDED WITHOUT NOTICE.



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