



TECHNICAL INFORMATION SHEET

ESCORT - 25

CHEMICALS CLEANER & DISCALER FOR COOLING TOWER

Technical Data :

ESCORT - 25 is a special formulation of powerful cleaning chemicals. Its color is brown. ESCORT - 25 is a non - toxic chemical cleaner used for many industries purposes. ESCORT - 25 is a safe replacement for many dangerous products such as hydrochloric and nitric acids.

Flash	: NIL.
Fire Point	: NIL.
Specific Gravity	: 1.08.
Color	: Brown.
PH	: Acid To Litmus Paper.
Operating Temperature	: Room Temperature
Tank For Use	: Plastic (P.V.C., P.E.)
Chemical Group	: Blend of Acids / Salt / Inhibitors.
Uses	: 1. Descaling (Boilers, Cooling Tower)

2. Cleaning of Metal Sheets, Copper Pipes.

3. Cement Removal.

Economy	:	It is a concentrated liquid which is dilutable up to 40 times.
Storage	:	Store in dry, Ventilated Place. N.B. Product may fumes slightly
Caution	:	Product may cause skin irritation. If contact with skin occurs wash Affected area with water immediately. Should solution be Swallowed, induce vomiting. Seek medical advice.
Water Disposal	:	Dilute up to 15 times with water before disposal. If possible Neutralize with alkali.

Where to use :

1. Cleaning water meters.
2. Cleaning air conditioning cooling towers.
3. Cleaning concrete moulds and forms are use to manufacture concrete blocks, etc.
4. Removing concrete from ready mix trucks.
5. Cleaning diffuser tubes in sewage plants.
6. Cleaning water injector tubes in sewage plants.
7. Cleaning flow meters and valves.
8. For removing scale and limestone / lime deposits and other forms of corrosion from any items that needs cleaning.
9. Removing rust from sterilizer tanks in hospitals.
10. Removing lime and cement from exterior bricks of buildings.

How to use :

1. WATER METERS :

Place ESCORT - 25 full strength in rock or use plastic container. Submerge the water parts in the ESCORT - 25 by use of a strainer.

Note : Many people take a plastic bucket with a handle and punch holes in the Bottom. This allows the ESCORT - 25 solution to bath the parts. Allows parts To sit until the corrosion is removed, take out of solution and rinse with water. Allow to dry.

2. READY - MIX CEMENT TRUCKS :

Remove cement from the trucks by applying ESCORT - 25 with a brush or rag and agitate. Rinse with water

3. ALL OTHER INDUSTRIAL USES :

Since there are so many varied uses for ESCORT - 25, each particular use requires a different application and the best rule of thumb is to use your own judgment in applying this material for their particular use.

Demonstration :

1. Simply pour some of the ESCORT - 25 in the palm of your hands or in the cap of the bottle and put a copper penny in the solution. Let your customer see how quickly it dissolves the rust and scale deposits.
2. Actually spray or pour the ESCORT - 25 on the object to be cleaned and agitate. Let your customer see the amazing cleaning action.

Product benefits :

1. ESCORT - 25 causes no corrosion on thorough rinsing.
2. ESCORT - 25 needs no neutralizer.
3. It is safe to use it is non-toxic.

4. It is safe on hands and easy to handle.
5. ESCORT - 25 may be stored indefinitely.
6. It is economical to use-It is highly concentrated and in many operations may be diluted with water.
7. ESCORT - 25 contains a special inhibitor and D5 for safe use and in many operations may be diluted with water.
8. It does an outstanding job where other chemical fail.

Potential users :

1. Concrete Mix Plants to clean their trucks.
2. Water Department - for removing scales off water meters.
3. Sewage Plants.
4. Concrete Block and Pipe Plants for cleaning their racks and modules.
5. Any place that has an air conditioner (pipes need to be cleaned)
6. ESCORT - 25 has an innumerable application and will solve many varied problems for your customers.
7. One of the leading chemicals that is being used by the construction industry.
8. Hotels, Clubs, Institution - for cleaning scum off toilet urinals and mosaic flooring found generally in toilets.
9. Condenser system (Cooling Tower) and Boilers for descaling.

ESCORT - 25 is a specially developed chemical for removal of scales which plague condenser systems and boilers. Its properties enable it to mix instantly and act instantly and safely on such systems.

FOR CONDENSER SYSTEMS (AIR CONDITIONING, PRODUCTION (Plastics Machines)

- If the systems can be shut down clean the system first. Remove all debris (leaves, dirt, algae) by hosing off and scrubbing.
- If not then just add ESCORT - 25 to the system of the cooling tower.
- Sometimes if systems can not be shut down a wire mesh placed over the outlet valve of sump helps prevent debris from entering the system.

The following procedure applies :

1. Add initially between 5 to 10 gallons of ESCORT - 25 to every 100 to 150 gallons of circulating cooling water. (Remember for each ton of air conditioning the systems will have approximately 10 gallons of recirculating water e.g a 30 ton unit will have approximately 300 gallons of recirculating water.
2. After half an hour add ESCORT - 25, if necessary, to maintain PH at 1.5 for 4 to 6 hours.
3. Check PH of system periodically. As ESCORT - 25 depletes the PH rises above 1.5 add ESCORT - 25 to maintain PH.
4. Drain completely and flush system with fresh water at least twice till PH of systems is same as that of incoming tap water. Repeat procedure if necessary.

Note Book : User should ensure piping are not severely corroded already as ESCORT - 25 Will remove scales and iron oxide rusts there by exposing holes.

For boilers :

Same procedure as above applies except that when boiler water is heated to circulated water do not allow water temperature to go above 130°F.

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