



## TECHNICAL INFORMATION SHEET

# ESCORT - 201

## POWER BACTERICIDAL CLEANER

### Technical Data :

### Description :

Escort - 201 is a brownish liquid. It is a solvent based and used to remove bonding materials like gaskets, varnish, gum or materials that are bonded together by solvent adhesive medium like coagulated oil or tar. It is also an excellent paint remover.

ESCORT - 201 is used primarily for removal of carbon deposits from piston heads, valves and other areas where carbon is bonded to the material. Escort - 201 does not dissolve carbon, but it breaks down the medium of the carbon to the metal.

### Product benefit :

1. Escort - 201 will do an excellent job where mechanical means of cleaning fails. For example in cleaning the oil circulation tracks of engines mechanical brushes and other means fail to reach into the circuitous tracks of an engine. However when this engine are clean thoroughly. Other areas where mechanical means fail will be the cleaning of metal oil filters and oil inter coolers.
2. By releasing much wanted skilled mechanics from tired job of cleaning. Escort - 201 allows skilled mechanics to do the work they are suited for I.E. proper mechanical diagnosis of troubles in engines and the replacement and reassembly of a complex engine. In this way, the output of a shop will be increased by at least 50% the skilled mechanist themselves are also happier because they are allowed to do proper skilled mechanical work instead of some dull, uninteresting cleaning jobs.
3. Escort - 201 increases the profitability of workshop. Escort - 201 can be compares to a worker who works 24 hours a day for 365 days a her without a minutes lost of efficiency. The consistent dependability of Escort - 201 allows the workshop manager to accurately calculate his production output and profit margin.



4. Escort - 201 can be used over and over again. After a few months, a lot of sludge may gather at the bottom of Escort - 201. All that is needed to be done will be to filter Escort - 201 and it is ready for use again. To prevent loss of Escort - 201 through evaporation it is recommended that a layer of water be poured on top of Escort - 201.
5. As Escort - 201 is used in a tank, a lot of parts to be cleaned can be dipped into the tank at the same time for example 200 parts of an engine may be dipped into a tank and these 200 parts will be cleaned in 1 hour. This means an average 18 seconds per part.  
No chemical means can clean faster than that. So we can say that Escort - 201 is a chemical that contains no toxic ingredients. It does not emit any toxic gas.
6. Escort - 201 is safe for use on all metals including copper, aluminum and magnesium, the metals commonly found in mechanical engine.

How to use :

The best way to use Escort - 201 is to fill a tank with Escort - 201 and have the parts to be cleaned immersed in it for the appropriate length of time. Escort - 201 can also be used by pouring through the places where cleaning needs to be done.

Demonstration :

A good way to demonstrate the effectiveness of Escort - 201 will be to have a piece of engine part that is coated with grease and paint. Dip this engine part into a small container of Escort - 201 and leave it in the workshop manager's office for about half an hour, take the opportunity to introduce other Escort chemicals products to the workshop manager.

Potential users :

All workshop that repair and overhaul mechanical engine, electrical motors will find Escort - 201 extremely useful. Some of the obvious places which will find Escort - 201 very useful will be :

1. Ship repair yards.
2. Heavy equipment workshops.
3. Workshop of transport companies like buses, lorries and motor cars.
4. Electrical workshops, hydraulic equipment and compressor equipment workshops.



Description :

Escort - 201 is a brownish liquid. It is concentrated and is an effective paint stripper degreaser as well as being a good decarboniser. It is solvent based. It is harmless to almost all metals. It softens plastic and removes varnishes and gasket materials.

Where to use :

1. Cleaning of engine parts.
2. Cleaning of compressor parts.
3. Spare parts.
4. Also used as paint-stripper.

How to use :

- The most effective way is by the dip-tank method. Tank constructed should be a metal type E.G. cast iron. Plastic pails or tanks should be avoided . Water is normally introduced to prevent excessive evaporation.
- Parts to be cleaned are immersed for between 2 hours to 24 hours depending on degree of contamination . Hose or clean off with water and light detergent.
- After months of use sludge at bottom to be pumped of pumped of and refilling with Escort - 201 is to be done.
- Oils on top layer to be skimmed off and a little water introduced.

Characteristics :

Escort - 201 is a solvent based chemical cleaner. Hence it is immiscible with water. It tends to soften common plastics.

- On contact with hand a slight itch / burn may occur. Hence avoid contact with hands. Use neoprene gloves.
- It has as light phenolic smell and can be pungent in enclosed spaces.



Potential Users :

1. Works.
2. Engine Shops.
3. Heavy Machinery Industry.
4. Transport Companies e.g. SBS, NTUC.
5. Shipyards / Ship Repairs.
6. Fabricators.
7. P.W.D.
8. Oil Rigs.