

# Coil Cleaning :

## with Magna product range

- \* **Mechanical + Chemical cleaning**
- \* Deep coil cleaning restores original efficiency
- \* **Saves Water, Chemical, Power & Labour**
- \* **Helps work in 'tight' places**
- \* **No damage to fins**
- \* **Deep aerosol spray flushes out contamination from slit fins**
- \* Professional pumps helps works continuously
- \* **Pumps have chemical inlet / tank**
- \* **DG Radiator Coil Cleaning / Degreasing**



## Cleaning & Maintenance Chemicals

Magna Group's in-house Research & Developments team has made milestone achievements in Cleaning & Maintenance chemicals, corrosion-preventive technology, water treatment chemicals, etc. Major chemicals features are as follow :

### MAGNA CHEMICALS :

- \* US Military & NATO codified
- \* **Ecofriendly, Biodegradeable**
- \* **Non-Toxic to Human Beings**
- \* **Safe on Metals, Paints, Plastic & Rubber**
- \* **Reuseable, High Shelf Life**
- \* **Highly Concentrate,**  
**1:30/40/60/100 Dilution ratio with water**
- \* **Economical : Effective rates cheaper**  
**then local chemicals**
- \* **No Over powering fumes**
- \* **Several products RoHS complaints**
- \* **FREE of Toxic Materials & Heavy Metals.**

**Magna International Pte. Ltd. is...**



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# Coil Cleaning : NO HARD WORK

Ecochem has reinvented the coil cleaning process. With scientific test results available on spot, coil cleaning is becoming more an more easier job, rather than tedious hardwork. With rising power cost, scarcity of water, labour & time, Ecochem offer is just an right combination of **MECHANICAL & CHEMICAL CLEANING** :

## Mechanical Cleaning :

- \* Small imported Portable pump,
- \* Delivers 100 bar pressure in fine aerosol spray type
- \* Easily penetrates 4/6/8 row coils
- \* Does not damage fins
- \* Saves Energy
- \* Various accessories makes working light
- \* Easy to carry and work in 'tight' space
- \* Total Stop System saves chemical & water
- \* Various models for right job selection
- \* Automatic safety valve with low pressure by-pass (New)
- \* Detergent Tank Capacity 0.5 Ltr. (



## Chemical Cleaning :

- \* Magna 500 Coil Cleaner, from Magna Chemicals, Singapore
- \* Highly Concentrated & Effective
- \* Contains strong penetrating emulsifiers,
- \* Metal Safe, Non-Injurious, Odourless
- \* Removes Grease Accumulations, Scales & Contamination
- \* No agitation/scrubbing required
- \* Wetting agents allows the impurities to float away.
- \* High Dilution ratio, 1:100\*, Cheaper than local products
- \* Codified by US Military, NATO etc, International quality

## Magna 500 Coil Cleaner

Highly concentrated for the cleaning of air conditioning equipment such as coils, fins, drip pan, etc. Its strong penetrating emulsifiers do not damage aluminium, zinc and other metal surfaces. It removes all grease accumulation, scales and impurities effectively even without agitation or scrubbing.

## Chemical Specifications :

- |                                     |                              |
|-------------------------------------|------------------------------|
| ▲ Colour : White,                   | ▲ Clarity : Opaque,          |
| ▲ Viscosity : Free Flowing,         | ▲ pH : 13 +/- 0.5,           |
| ▲ Specific Gravity : 1.190 +/- 0.5, | ▲ Flash point : None,        |
| ▲ Stability : Excellent.            | ▲ Effective rate Rs.15/-Lt.* |

## DIRECTION FOR USE :

- 1) Clean the coil with fresh water to remove the loose dirt
- 2) Spray the diluted Magna 500 Coil Cleaner, thoroughly over the area to be cleaned (\*Dilution to be decided as per the coil conditions. Our working experience of 1: 100 is based on our experience for normal work.)
- 3) Allow some 10-30 minutes of reaction-cleaning time for the chemical.
- 4) Flush thoroughly with fresh water; ensure that chemical and contamination is thoroughly cleaned.
- 5) Repeat the process for severely soiled coil, if not properly cleaned.

Now you will have restored coil, working at maximum efficiency. Before & after readings of CFM, Temperature, Amp meter will give instant verification of results & you will have satisfied customer who will be further happy to see lower power bills.

## Optional Accessories



- 1) **Nozzle** : High pressure fix angle nozzle, stainless steel, to work in 'tight area', replaces gun.
- 2) **H. P. Hose** : Extra requirement for High Pressure Hose. (Required for Mr. Clean to be use with Nozzle)
- 3) **Drain Nozzle** : Cleans out instantly, pipes from any kind of blockages in pipes 1.5" - 6" I.D. Nozzles is self-propelled through the pipes when connected with water jet pressure.
- 4) **Wet Sandblasting Lance** : Very Practicle and easy to use to polish or to take off rust - flakes, paint and encrustments.
- 5) **Rotojet** : Rotating Nozzle, gives the impact force of a pinpoint nozzle with the coverage of a greater area. Increases the productivity of the washers.
- 6) **Curved Lance** : Helps to reach difficult to clean areas,e.g. underbody, overhead cleaning

MAGNA 500 COIL CLEANING	Vs	Other products & Services
1) Superior Performance		Rash Performance
2) Safe Mechanical+Chemical Clng :		Unsafe Operations
3) Imported Pump : Easy to Carry, Saves Power, Water & Chemicals		Heavy Pump, difficult to carry, heavy consumption of water, power & labour, damages fins permanantly.
4) Easily Cleans & penetrates 4/6/8 row coils		Raw force Damages coils permanantly
5) Magna 500 Coil Cleaner Ecofriendly, Efficient + Economical, International quality		Caustic Soda, Raw Chemicals, Highly corrosive
6) Clean all grease accumulation instantly		Not advisable
7) High dilution ratio, 1:100		Low ratio, You Pay for Water
8) Effective cost Rs.15/-Ltr.		Costly + unsafe
9) Suitable for HVAC, Aviation, Marine, Oil field, an other heavy industries.		Un-effective & Damaging Results

## HVAC :

- # Coil Cleaning Equipments, Chemicals, Services
- # D'scaling chemicals & Tube cleaning
- # Self Cleaning Coil, Coatings of CRT, USA
- # Weather Proof Coil Shield, CRT, USA
- # Drippan Treatment, CRT, USA
- # BIOFLEX, Stops Cold Mold growth, EPA regd.,
- # Brazing Joint Protection of copper tubes gas leaks