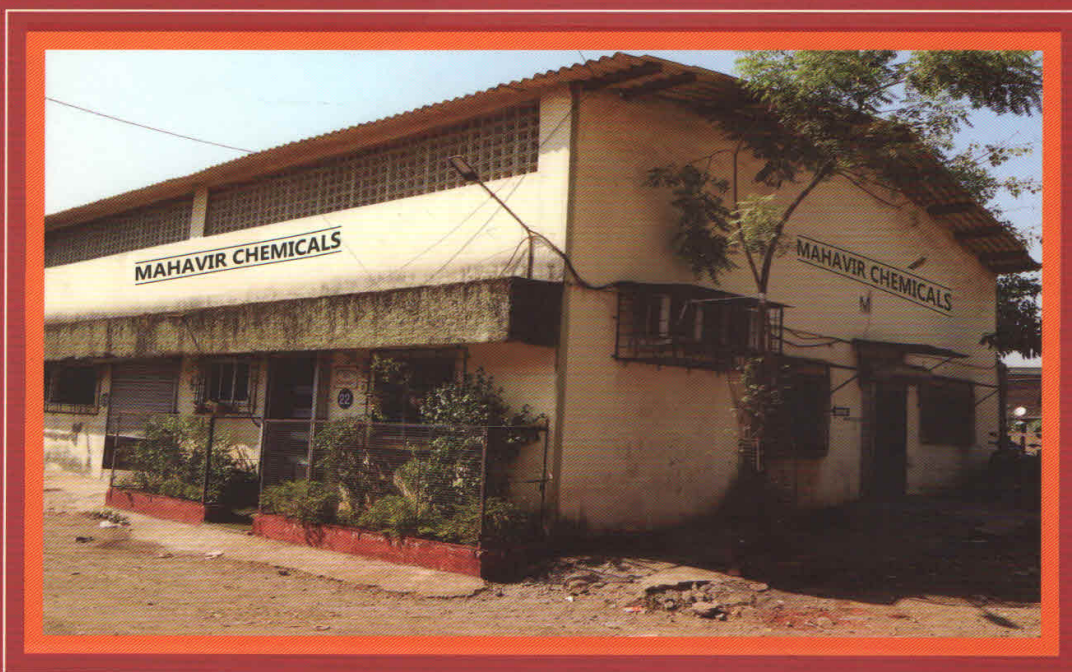


[www.mahavirchemicals.com](http://www.mahavirchemicals.com)



**MAHAVIR**  
**CHEMICALS**

Mfg. of Metal Treatment Chemicals

Unit No. 22/23, Jamuna Building, Tungreshwar Ind. Complex,  
Sativali Village, Vasai (East), Dist. Palghar - 401 208.

Mob. : 70585 94066 / 74981 33642

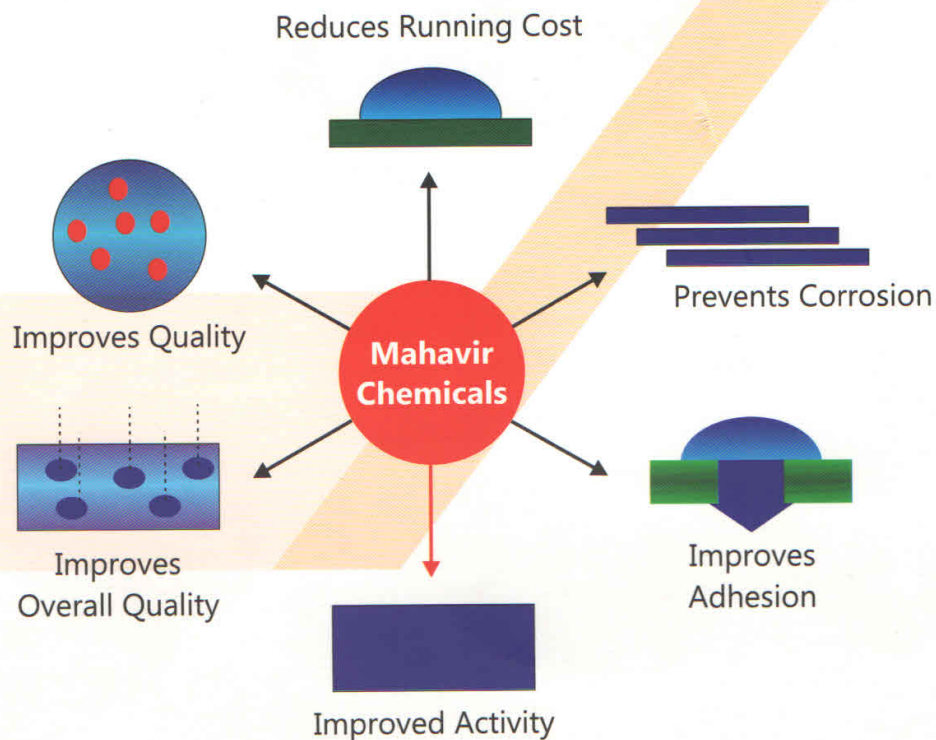
Tel. : 0250-2481878 • Telefax : 0250-2480177

E-mail : [mahavir1994@gmail.com](mailto:mahavir1994@gmail.com)

## OUR OTHER PRODUCTS

- **Acid Inhibitors** - Additive in Acid Tank.
- **Blackening Salts** - Gives a black iron oxide coating.
- **Scale Remover** - Removes hard deposit scale from boiler and heat exchange tubes.
- **Point Booth Compound** - Directly added to water which collects sprayed paint of water curtain / water bath.
- **Paint Strippers** - Removes paint and powder coating.
- **Galvanize Treatment Chemicals** - Gives phosphate coat to GI sheets.
- **Brass and Copper Cleaners** - Cleans and brightens Brass and Copper.
- **Aluminium Casting Cleaners** - Cleans and gives bonding for powder coating.
- **2-in-1 Chemicals** - Economical as well as very effective for Degreasing and Derusting of ferrous Metal.

## Effects of Mahavir

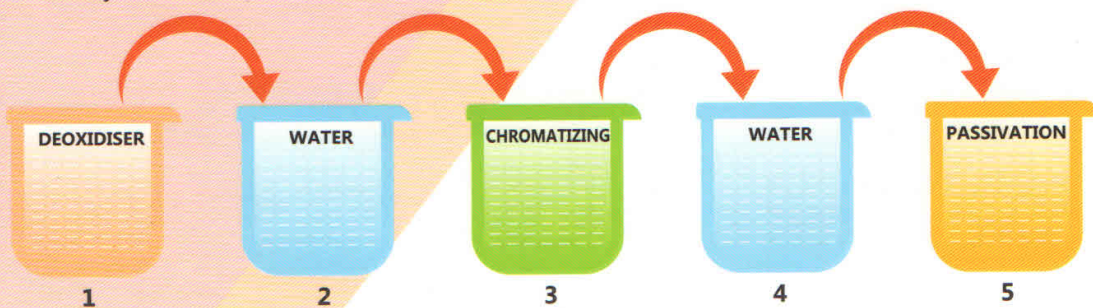




## Aluminium and It's Alloys Treatment

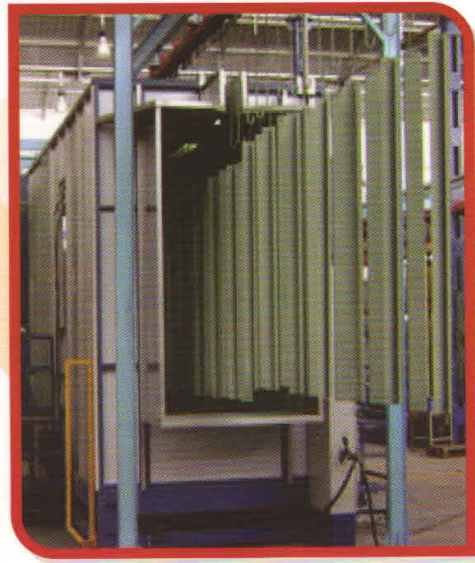
5 Tanks chromatising chemical process are used for pretreatment of aluminium and its alloys before powder coating and painting.

Chromatising process imparts **aesthetic finish** and **avoids oxide formation** on aluminium and it's alloys.



### Chemicals :

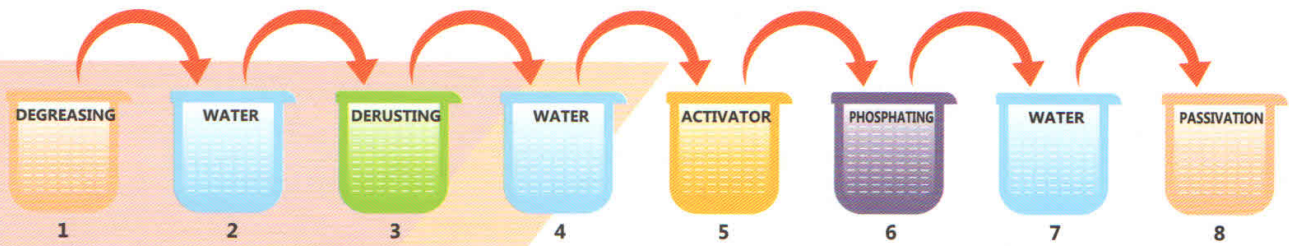
- Alkaline as well as acid base Degreasing removes oil & grease and also deoxidizes surface effectively.
- **Organic Acid based Deoxidizer** - with Inhibitor providing effectively removes oxide layer, oil and marking the surface ready for chromatising.
- **Chromatising Chemicals** - usually chromium based complex system to provide excellent base for Powder Coating & Painting.





## Phosphate Process

### Eight Tank Zinc Phosphate Treatments For Ferrous Metal and Alloys



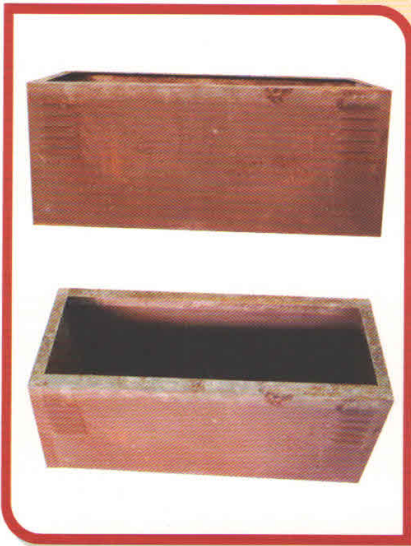
Dip 8 tanks process with transporter to carry loads and provided with SS basket to carry articles for pre-treatment.

#### Chemicals :

**Alkaline base Degreasing** – A Surfactant Solvent heavy duty Degreases **removes oil at 65°C to 75°C.**

**Acid Base Degreasing** - With excellent cleaning **removes oil as well as light rust at room temperature.**

**Acid Base Derusting** – With Inhibitor providing removal of **rust, scale and light oxides** uniformly without attacking base metal.



Products in  
**RAW CONDITION**



Products after  
**CHEMICAL TREATMENT**



Products after  
**POWDER COATING**



## Product Specification

### **M. Chem. DG. Series (for Degreasing)**

- A new series of alkaline degreasing used in hot as well as cold conditions, Emulsion and acidic Cleaning available in dip and spray.

### **M. Chem. R. R. Series (for Derusting)**

- Acidic Derusting and Pickling Chemicals for removing rust, scale and oxide layer etc. from all surfaces.

### **M. Chem. S. M. Series (for Activator)**

- Acidic as well new alkaline activator compound to produce a compact crystal structure of phosphate coating.

### **M. Chem. L. P. Series (for phosphating)**

- The state of the art formulations provides in low/medium/hot temperature with coating such as Zinc/Iron Heavy Zinc/Manganese Phosphate for Powder Coating and Liquid painting System.

### **M. Chem. Passi. Series (for passivation)**

- The M.Chem. Passi.Series Is a Passivation Chemical used after Phosphating Process to increase corrosion resistance.
- To add to this series we have developed chrome free Passivation chemical.

### **M. Chem. 3-in-1 Series (for Single Tank Process)**

- 3-in-1 Chemical well formulated which combines Degreasing + Derusting + Phosphating in a single tank by dip or wipe application which can be further painted or powder coated.

### **M. Chem. SGS. Series (for Aluminium Degreasing)**

- SG.Series Removes oil, Deoxidizes aluminium surface effectively.

### **M. Chem. GC., M. Chem. YC. Series (for Aluminum Chromatising)**

- GC & YC Series is a well defined chemical for treating aluminium and it's alloys to obtain an excellent oxide layer for better bonding of paint and powder coat.
- GC gives superior bonding Chromium phosphate Coating in Green Color.
- YC gives economical chromium oxide coating in Golden Yellow Color.

### **M. Chem. G.G Series (for G.I Sheet)**

- GG chemical is used for treating hot dip galvanized sheets, which gives light grey colour coating of nickel and zinc.

### **M.Chem. S.G Series (for Aluminium Casting)**

- SG Series of chemicals removes oil, grease and other waste from casting material and gives a bonding for powder coating



**MAHAVIR**  
CHEMICALS

**M** CHEM  
Metal Treatment Chemicals



An ISO 9001 : 2008 Certified Company

We Protect Paint & Powder Coating





### Welcome to Mahavir Chemicals

We "**Mahavir Chemicals**" are known as a prominent manufacturers and suppliers of a wide assortment of Solvent based **Metal Surface Finishing Chemicals**.

We have a huge infrastructural base which is **ISO 9001:2008 certified** and along with an experience of over 35 years. With this experience and high end infrastructure we are fully equipped to produce a quality product within the specified schedule. Together with the large production capacity of our unit and efforts of our professional, we have been able to fulfill bulk demands of our customers.

By using the understanding and experience of our highly trained and skilled employees we have placed ourselves as a leading supplier and manufacturer in concerned field. Our skilled workers work in synchronization with our customers in various fields like **Automobile, Electronic, Lighting Fixtures, Engineering Industries, Furniture, Control panel board, Health Care, Storage Rack Equipment Manufacturing, Hardware and Many More**. Hence we have become the top choice for these sectors.

As a customer centric organization our sole objective is to attain customer satisfaction by delivering highly effective and safe to use chemicals. Well connectivity of our storage unit and association with leading logistics companies allows us to deliver the product at customers door step.

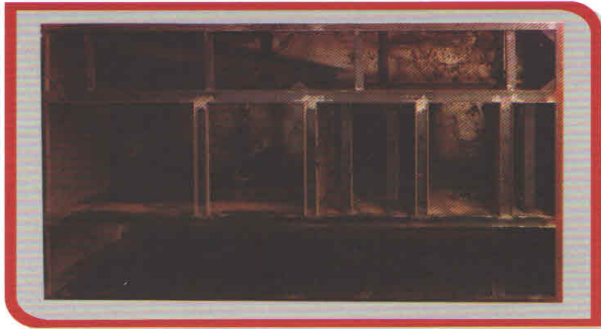
In Metal Treatment Wide-range of products, High Profile Technical Team, Strong R&D and Cost Effective Solutions all are under one roof at "**MAHAVIR CHEMICALS**"

**"We Not Only Treat Surface, We Protect Surface"**

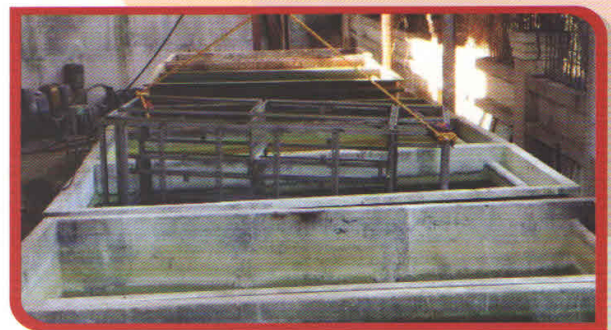




## Phosphating Process



**Awaiting Phosphating**



**Being Phosphating**



**After Powder Coating**

**Activator** – Acidic as well as alkaline Activator produces Fine Compact Micro crystals of Phosphate coating.

**Phosphating** – Room Temperature Phosphating **saves energy, accelerates zinc phosphate** system to provide excellent base for paint as well as powder coating.

**Liquid base-Passivation** – Passivation chemicals **seals phosphate coating and increases corrosion resistance.**