

MANCHEM ORGANICS PVT. LTD.

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METAL TREATMENT AND CLEANING CHEMICALS

Manchem offers largest range Pretreatment chemicals to suit every need. The advantages of our chemicals are easy handling, less area requirements, no power requirement and lower cost of treatment.

These chemical impart iron phosphate to the tune 40 to 100 mgm. Per sq. ft. Due to low coating weight. Corrosion resistance is low and hence painting must be carried out as early as possible. Immersion treatment is always preferred to brush application and it gives much better results.

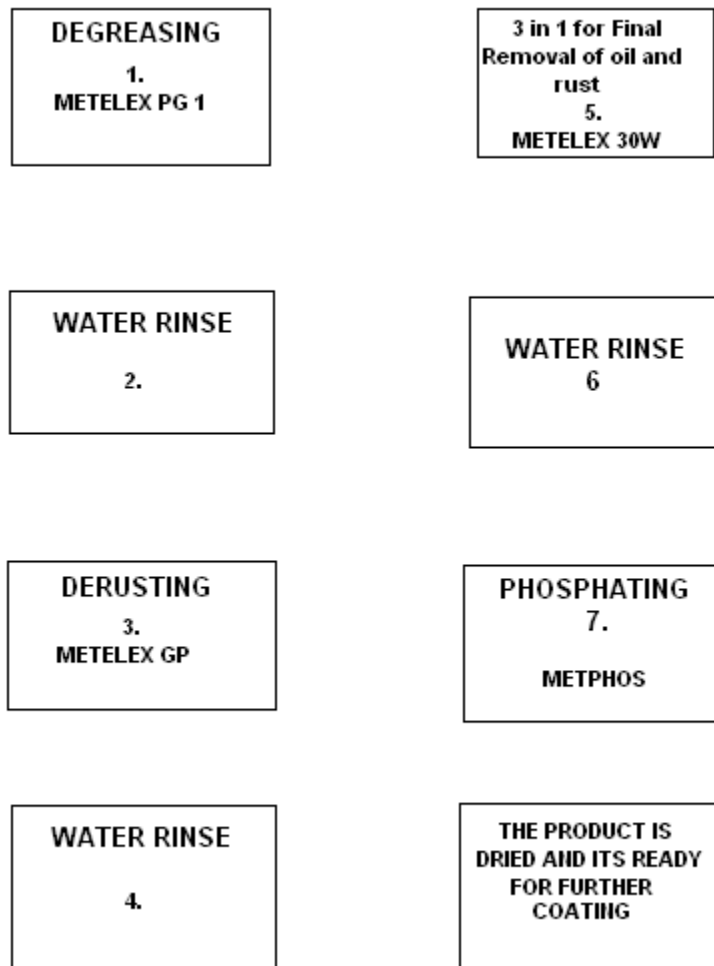
Our chemicals are very useful to the industries that manufacture:

- * Control Panels
- * Steel Furniture
- * Fluorescent Fixtures
- * Slotted Angles
- * Drums, barrels and buckets
- * Hospital and laboratory equipments
- * Electric instrument boxes
- * All types of Paint Shops
- * M.S. fabricated parts which are subsequently painted.

Apart from following standard of chemicals Manchem offers many more varieties of tailor-made pretreatment chemicals to suit every need.

Manchem offers 3 stage and 7 stage pretreatment system chemicals which very useful and covers all the solution for the metal treatment.

SEVEN STAGE PRETREATMENT



* This is the General Idea of Pretreatment. The Product can be used individually or separately

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1. METELEX PG 1: This is powder type alkaline degreasers, which used for removal of oil and grease from the metal surface without attacking the base metal. This chemical is mix in water in recommended quantity if 1:3 i.e. 1 part of METELEX PG 1 and 3 parts of water. The removal of oil and grease is to be done either by swab or by hot water dipping.
2. METELEX G: This is a liquid type chemicals used in for the removal of light oil and grease from the metal surface without attacking the base metal. The recommended dosage 1: 3 i.e. 1 part of Metalex G and 3 parts of water.
3. METELEX GP: This is liquid type chemical used in for the removal of rust and other impurities on the metal. The recommended dosage is 1:3 i.e. 1 part of METELEX GP and 3 parts of Water.
4. METELEX 30W: This is a Three in One chemical used for final removal of grease, oil, loose particles and rust and a must before phosphating. The recommended dosage is 1:3 i.e. 1 part of METELEX 30W and three parts of water.
5. METPHOS: This is Zinc and Calcium modified Phosphating chemical, which develops thin phosphate layer on the metal surface, which is very ideal for the bonding of metal and paint. The recommended dosage is 1:3 i.e. 1 part of METPHOS and 3 parts of water. Now the product can be dried and it's ready for the paint.

The above chemicals are tested under the super conditions and the dosage can be change as per the metal conditions at the site.