

METRIT

Speciality Chemicals Division

An ISO 9001 : 2000 Company

Paint Strippers

Emulsified Degreasers

Galva - Grip (for galvanized sheet)

Brass - Copper Cleaner

Pipe and Tube cleaner



METRIT
CHEMICALS PVT. LTD.

METRIT GROUP

(SPECIALITY CHEMICAL DIVISION)

Metrit Group manufactures and markets the widest range of high quality speciality chemicals for metal finishing in India since its inception in the year 1976. These speciality chemicals are used in a wide variety of industrial manufacturing processes to add value and improve performance of hundreds of end products. Metrit has always been committed to provide customer with quality products. We deliver products which can balance our customer's requirements of price and performance.

Over the years, Metrit group has emerged as a major manufacturer and expanded to cater to ever increasing requirements of industry. In process of its growth, Metrit has established a formidable reputation for itself as a brand leader in speciality chemicals for metal finishing.

At present we manufacture and market over thirty chemicals in the brand name of "Metrite" broadly covering Paint strippers, Galva-Grip (for galvanised sheet), Brass-copper cleaner, 7-stage phosphating chemicals and plants, 3 in 1 chemicals, rust preventive oils, etc.

Our entire range of chemicals are available directly and through our distributors located in strategic cities/towns throughout India.

PAINT STRIPPER METRITE - PS

(SOLVENT BASED PAINT STRIPPER)

FEATURES

apply 1-2 coats of
METRIT_PS on the surface

- Fast and safe removal of paint, powder coatings and contaminants.
- No damage to finished surfaces.
- Reusable
- Does not affect Base Metal
- Excellent stripping results
- Reduced labor costs

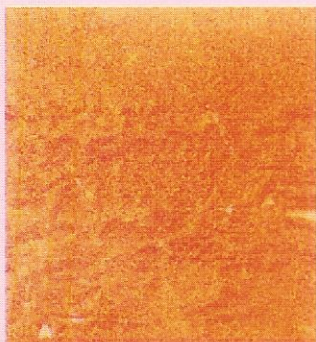


■ Metrite - PS is a solution for removal of paints or powder coatings from articles whether it is alkyd, epoxy powder coated or polyurethane coated on various substrates like **metal** or **wood** or **alluminium** by breaking the bond existing between the organic coating and the substrate, whether it is phosphated, chromated, anodized **without attacking the base**. It is easily rinseable and leave no fatty or organic film.

■ Metrite - PS is highly effective, reusable and removes paints and powder **coating in 3-10 minutes**.

■ Metrite PS is widely used to remove powder coating from alluminium section, as it does not affect alluminium.

*Leave the surface for
sometime to Paint bubbles
out as shown*



*Wipe out softened paint, or
varnish etc., with the help
of brush or scraper.*



■ Method of Application

Product	Dip Process	Brushing Process
Metrite - PS	3-10 Minutes	5-10 Minutes

Note : You can use waterjet to remove loose paint.

RUST PREVENTIVES

DEWATERING SOLVENTS AND FLUIDS

These corrosion preventives, when applied to wet surface, displaces the water from the surface completely, leaving a protective film. They confirm to IS:1154 or IS:1674 specifications.

The protective film can be removed by kerosene or mineral terpentine or by alkaline degreasers.

Product	Flash Point°C	Type of Film	Coverage Sq.M/Lit	Protection Period (Indoor)
DWS - 059	35°C	Oily Thin	50-60	1-2 weeks
DWF - 602	35°C	Soft Oily	50-60	16-20 weeks
DWF - 109	38°C	Oily Brown	40-50	30-35 weeks
RP - 16H	38°C	Oily Brown	55-60	30-35 weeks
RP-412-SF	38°C	Oily	60-70	28-32 weeks

USES: Fingerprint suppressor, storage of machine tools, protection of pickled steel parts and stampings, and pickled heat treated parts. Temporary protection of machined parts between two consecutive operations For protection of electroplated parts, razor blades and alloy tubes, etc.

RUST PREVENTIVE OILS

They are low-medium viscosity oils which form adherent oily tenacious film. They contain rust inhibitors. The oily film can be removed by Kerosene or mineral terpentine.

Product	Flash Point°C	Type of Film	Coverage Sq.M/Lit	Protection Period (Indoor)
RP-21	40°C	Oily thick	50-60	18-20 weeks
RP-11	140°C	Oily	50-60	25-30 weeks

Uses: Internal protection of gear boxes, cylinders, sewing machines etc. for protection of foreign assemblies, valves, ammunition cartridges etc. Also for the protection of motor shafts, etc.

RUST PREVENTIVE COATINGS

They are offered for long term protection of 6 months to one year. They form hard dry film. They are either asphalt based or Rosin based. The asphalt based films can be removed by kerosene/mineral terpentine. Rosin based film is generally not removed as it is transparent or coloured. But if removal is desired, xylene or naphtha is used.

Product	Flash Point°C	Type of Film	Coverage Sq.M/Lit	Protection Period (Indoor)
R-RPC-27	34°C	Hard-dry	15-20	45-50 weeks
R-RPC-74	26°C	Instant Drying	25-30	40-45 weeks
R-RPC-42	40°C	Hard Dry Black	15-20	40-50 weeks
R-RPC-40	35°C	Non Drying	15-20	40-50 weeks

Uses: Long term protection of machined surfaces and machine tools. For protection of taps and dies, hand tools, springs, steel rods, bars, etc

ROOM TEMPERATURE DEGREASER

METRITE - 123 SP

Metrite - 123sp is a phosphoric acid based water soluble emulsified, room temperature degreaser. It contains surfactants and solvents designed to remove soil, heavy oils and carbonaceous deposits at ambient temperature. It removes toughest grease deposits and is ideal for replacement of alkaline degreasers used in seven stage phosphating of MS articles. Chemical is widely used for the pretreatment of air conditioner cabinets, control panels, refrigerators etc. and degreasing of articles before electroplating and alluminum chromatising.

Metrite123SP is used normally at 10-15% conc. V/V in water at ambient temperature with swabbing or immersion time of 5-10 minutes.

Higher concentration and longer immersion time may be required if contaminants to be removed are very heavy, dry oil film etc.

As the chemicals is highly acidic, it should be prepared in PP or FRP lined tank

■ Method of application

Product	Dip Process	Wiping Process	Wiping/Dip Combination
Metrite 123 SP	5-10 Minutes	1- 3 Minutes	3-10 Minutes

GI SHEET PRETREATMENT

METRITE - GG

Metrite-GG is a chemical for pretreatment of hot dip galvanized sheets, zinc coated steels & zinc die casting before liquid painting or powder coating.

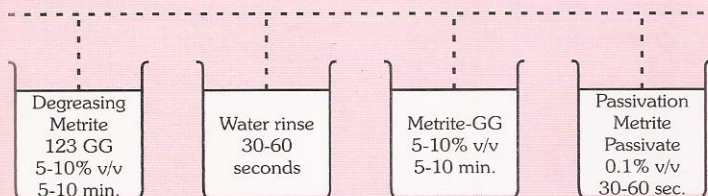
It produces light grey colour phosphate conversion coating of nickel and zinc in 2-3 minutes at room temperature which gives excellent bonding for paints, powders or any other organic coating and is ideal for airconditioner cabinets, computer cabinets, control panels, refrigerators made from GI sheets.

PERFORMANCE DATA

Conversion Coating	Paint Adhesion	Salt spray resistance	Humidity resistance
Phosphate with Metrite-GG	Excellent	Excellent	Excellent

Metrite-GG is used in a four stage process sequence as follows:

GI sheet pretreatment before powder coating or painting.



BRASS - COPPER CLEANER

METRITE-PC-B

Metrite Chemicals Pvt. Ltd. offers speciality chemical for cleaning and brightening of brass-copper and other bimetallic parts. Metrite-PC-B is used for cleaning and brightening of brass and copper parts. It gives micro etching to base metal with cleaning and prepares surface to receive paints, powders or any other organic coating at room temperature.

Product	Dip Time	Concentration
Metrite PCB	10-20 min.	15-20 % V/V

PIPE & TUBE PICKLING

METRITE - AP(PTC)

Metrite Chemicals Pvt. Ltd. offers safe and non corrosive speciality chemical containing very effective sequestering agents to remove rust and dirt for cleaning of pipes and tubes surfaces. It is commonly used by piping contractors for onsite pickling.

Product	Dip Time	Concentration
Metrite AP (PTC)	10-20 min.	10-20 % V/V

METRITE - PSA

(ALKALINE PAINTS STRIPPER)

Metrite-PSA is used hot, diluted with water at 90°C-100°C. With this you can strip epoxy, alkyd, urea's, phenolic melamine's and polyster coatings. Loose paint film is rinsed free with immersion in water or with waterjet.

METRITE - PSA :
(ALKALINE PAINT STRIPPER)



Metrite Chemicals Pvt. Ltd.

Speciality chemicals division is a part of **Metrite Group**, manufacturing metal pretreatment chemicals. With distributors in all major cities, we cater to customers all over India. Major production facilities and office is based in Mumbai.

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CHEMICALS PVT. LTD.**

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