



# *Crystal India*

## **APPLICATIONS OF CRYSol CU 132**

- **Automotive Industries**

Use Crysol CU for de-oiling of mild steel sheets along with degreasing automotive components such as

- Carburetors, plugs,
- Rubber molded components,
- Metal parts,
- Surface preparation of metal parts before painting / electroplating / galvanizing / anodizing / bonding etc.

- **Paint Stripper**

Use Crysol CU as paint stripper in repair workshops / maintenance also for cleaning all types of metal & molded metal parts.

- **Engineering Industries**

CRYSOL CU is very versatile, effective cleaning & degreasing agent of fabricated metal parts & components for removal of oil, grease, water and other contaminants before assembly in all types of heavy & semi-heavy Engineering Industries, for example

- Bearings,
- Gears & gearboxes,
- Transformers,
- Pumps,
- Chains & pulley blocks,

and many other Engineering Industries.

- **Textile Industries**

CRYSOL CU is used as effective Stain remover & Spotting Agent for speedy removal of spinning oils & grease from all fabrics including Wool, Cotton, Polyester, Silk etc.

It is widely used as Dry cleaning solvent in Laundries & Textile mills.

- **Adhesive Industries**

Crysol CU is very effective solvent in making Rubber Cement. It is an activator for adhesive tape used in sealing printing paper to high speed presses. It is very efficient in making bond glue.

- **Electrical & Electronics Industries**

Crysol CU is economic and speedy cleaner for Electric Components, Control Panels, PCBS, Electronic Instruments, Telecommunication Equipments etc., due to its chemical volatile nature it provides very effective cleaning, normally with spray guns.

It is also used in Manufacturing of Oil Filled Capacitors as Cleaning Agent.

- **Petrochemical & Fertilizer Industries**

Crysol CU is used for de-oiling & cleaning of distillation columns in refineries & petrochemical units. It is also used for cleaning air separation units of various fertilizer plants & gas manufacturers.

- **Paper & Ink Industries**

Crysol CU is used in paper industries to remove wax from waste waxed paper also as a carrier in coating, dyeing and sizing of paper. In carbon paper manufacturing, it is used as carrier for ink to be fixed on one side of Carbon paper.

- **Detergents**

Crysol CU is having effective insecticides and fumigants properties for use in Soap emulsion for destroying larvae & pupa of Mosquitoes, Grape lice and many stinging insects.

Soaps containing Crysol CU are used as effective disinfectants, cleaners & sterilizers to exterminate infected clothes, floors etc.

- **As Solvent**

CRYSol CU is used as solvent for crude Oil, Die-Lubricants for casting & stamping, paraffin, non-flammable paints, lacquers & Adhesives, Alkaloids, Dyes, Fats, Grease, Gums, Oils, Pitch, Resins, Waxes etc.

It readily dissolves cellulose ethers and some types of cellulose acetate and is extensively used in manufacture of Paint removers.

- **Leather Industries**

Crysol CU is used in the initial stages of processing of leather, it is also used to remove stains in finished Leather or during Processing of Leather in Tanneries.

- **Metal Industries**

Crysol CU is very widely used as cleaning agent for industries like SS Tubes, Copper Tubes, Brass Tubes, and Wires (Metal except Aluminum) Capillary Tubes etc.

## **DEGREASING METHODS USED FOR CLEANING METAL PARTS**

Crysol CU is very effective and efficient degreasing Agent applied in cold, vapour & ultrasonic degreasing, cleaning methods.

- **Cold Degreasing**

Crysol CU is used as single solvent to clean & degreasing metal parts by dip method or in Jet Spray Machines.

- **Vapour Degreasing**

Crysol CU is cost effective Agent due to low boiling range thereby reducing energy consumption & fasten cleaning. Temperature level to be maintained at 65<sup>0</sup> C maximum in vapour – Phase & 50<sup>0</sup> C in hot liquid phase to get optimum degreasing effect.

- **Ultrasonic Degreasing**

Crysol CU is used as single solvent for cleaning all surfaces of metal by Ultrasonic method.