



# ACETONE

## General Description:

Acetone is the lowest molecular weight member of the ketone family of solvents, is a low boiling, fast evaporating, colourless, stable liquid. Because acetone possesses excellent solvent power for most natural and synthetic resins including acrylics, vinyl polymers, nitrocellulose, cellulose acetate, and other cellulose derivatives. It is popular and effective low boiling solvent for surface coating applications. Since most waxes, oils, fats, greases and dye materials are soluble in acetone; it is ideally suited for extraction and other end uses.

## Usage:

Acetone find applications in the wood coatings as washing thinner for all spray equipments. It is also used as a solvent for reducing viscosity for unsaturated polyester paints and related products.

## Physical Properties:

Appearance		Liquid.
Specific Gravity	ASTM D 4052	0.79 + / - .02 Kg. / lit.
Colour (Saybolt)	ASTM D 1209	5
Freezing Point	ASTM D 97	-95°C
Water content, max	ASTM D 1364	0.3
Non volatile matter, max	ASTM D 1353	0.001
Flash Point (Abel)	IP 170	-18°C
Vapour Pressure @ 20°C		24.7 kPa
Relative evaporation rate (nBuAc = 1)	ASTM D 3589	5.6

## Composition:

Acetone is manufactured to the highest standards. It does not contain detectable quantities of heavy metals, chlorinated compounds or polycyclic aromatic hydrocarbons. This product is guaranteed to meet the duty requirements of the United States as 'non benzenoid acetone. It is also guaranteed maximum benzene content of 1 ppm., the limit of detection..

## Storage:

Keep the container tightly closed. Shelf life is unlimited in close container. Keep away from direct sunlight and other sources of heat or ignition; do not smoke in storage areas.

## Packing:

Available in 1Usg, 18 lit (Pail) and 200 lit (Drum)

## Physiological Hazards:

Acetone contains flammable solvents. Always use protective gloves and eye goggles when handling this product. It is highly recommended to provide proper ventilation on working area. If contact with skin or splash in eyes, wash with fresh water and seek medical assistance.

*The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.*

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