

# **Methyl Isobutyl Ketone (MIBK) from Acetone (Used as a solvent for gums, resins, paints, varnishes, lacquers, and nitrocellulose) Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing**

## **Description:**

Methyl isobutyl ketone (MIBK) is a colorless liquid with an odor similar to mothballs. MIBK is also known as 4-methyl-2-pentanone, hexane and isopropylacetone. While it is usually in liquid form, MIBK can change into a gas. MIBK will dissolve in water, alcohols, benzenes and ethers.

Methylisobutyl ketone (MIBK) [CAS registry number: 108-10-1] is an organic compound with the formula  $(\text{CH}_3)_2\text{CHCH}_2\text{C}(\text{O})\text{CH}_3$ . This colorless liquid, a ketone, is widely used as a solvent. MIBK is a colorless liquid with a characteristic ketone odor. It is highly flammable and vapors may travel to the source of ignition and flashback. It is soluble in water and miscible with most organic solvents and evaporates in air. It irritates the skin, eyes and respiratory tract and in high concentrations leads to nausea, headaches, dizziness and unconsciousness. MIBK is a clear liquid with a sweet odor; the odor threshold is 1.64-mg/m<sup>3</sup> (0.4 ppm). It is moderately soluble in water. MIBK can react violently with oxidizing and reducing agents. When heated, peroxides may form by auto-oxidation and may explode spontaneously.

## **For more details download PDF file**

**Keywords:** MIBK, Methyl Isobutyl Ketone, Methyl Isobutyl Ketone (MIBK) from Acetone solvent for gums, resins, paints, varnishes, lacquers, and nitrocellulose, Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule, Working Capital Requirement, Plant Layout, Process Flow Sheet, Cost of Project, Projected

**Created At:** 15 Jun, 2016