Maleic Anhydride – Applications

Maleic Anhydride (MA) is used in the manufacture of -

**Unsaturated Polyester resins and alkyd resins**

Used in general construction, bathroom fixtures, corrosion resistant tanks, pipes and ducts, electrical components, synthetic marble, Onyx, auto repair putty, paints and coatings, fiberglass reinforced plastics

**Fumaric and Malic acid**

Used in paper sizing resins and as food and beverage acidulants and in pharmaceuticals.

**Lubricating oil additives**

Used in gasoline and diesel engine crankcase oils as dispersants and corrosion inhibitors, prolong oil change intervals and improve the efficiency of automotive engines

**Lacquers**

The addition of MA to drying oils decreases the required drying time and improves the coating quality of lacquers.

**Tartaric acid**

Used as a Chemical intermediate in the synthesis

**Vinyl copolymers**

Used in paper treatment, emulsifiers, stabilizing agents, adhesives, detergents, cosmetics, toiletries

**Agricultural Chemicals**

Herbicide, pesticide, and plant growth regulator & soil sterilizer

**Surfactants and plasticizers**

Aspartame - Artificial sweetener
Chlorendric anhydride - Flame resistant component