

Industrial Uses of Starch And Its Derivatives!

Oxidized starch for paper industry & board? Starch products are used in paper bags, tissues and packaging paper, corrugating board, and stationery, use for size-press and surface coating and improves the printability and writing properties of paper.

Pharmaceuticals & cosmetics:

Modified starch used in textile industry:

Stiffen textiles to increase resistance to friction wear, and helps resist moisture penetration. And it can serve as a stabiliser and filler for coloured inks when fabrics are overprinted.

Aquafeed, Pet Food, Animal feed: used as processing aids, as a binding agent, as a thickener, to stabilise the viscosity and the sweetening and colouring of feed.

oil drilling & construction industries? Pre-gelatinized starch modified starch production line/starch extruder can produce Denatured Starch, Pre-gelatinized starch is an effective and economical fluid loss agent in water based drilling fluids, which is a starch derivative. It is not bacterial degradation when at 120°, environmentally acceptable and non-toxic. Modified Starch can produce a thin, slick, tough filter cake and promotes faster penetration rates with reduced friction. It can be used in all kinds of drilling fluid system.