

# VERTEC™ Organotitanates

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## Simply the best catalysts for esterification

Alfa Aesar offers a broad range of VERTEC™ titanium-based catalysts from Johnson Matthey Catalysts.

VERTEC organic titanates are extremely effective and versatile catalysts for esterification reactions of all types. They range from relatively simple, highly reactive titanium species to more specialized and, where appropriate, custom made products for more demanding reactions.

VERTEC Catalysts are used at industrial scale to produce:

- A wide range of plasticizers, phthalates, adipates, trimellitates, azelates and sebacates.
- Simple acrylates such as butyl and 2-ethyl-hexyl acrylates and more complex acrylates such as those used as water treatment chemicals.
- Fine Chemical Intermediates.
- Polyesters for fibre, film and resin applications.
- Speciality esters as used in pharmaceutical, flavours and fragrances.

The correct choice of VERTEC catalyst can provide benefits such as:

- Enhanced productivity.
- Superior product colour and purity.
- Reduced environmental impact.

The wide selection of standard VERTEC organotitanates is fitting for most applications, but custom formulations can be made for specific requirements. Alfa Aesar now offers research and development quantities of standard VERTEC products from stock.