

### ChangFu® TMA

Allyltrimethylsilane



- Description** ChangFu® TMA is a specialty silane compound with a unique combination of a reactive allyl group and a stable trimethylsilyl group. The structure allows it to participate in a variety of chemical reactions, making it a valuable tool in both laboratory and industrial sectors.
- Features & Benefits** The highly reactive allyl group can undergo various transformations, such as polymerization, cross-coupling, or electrophilic addition reactions. The trimethylsilyl group can form stable Si-C bonds, making it useful for protecting functional groups in organic synthesis.
- Applications** Used in the surface modification and the synthesis of silicone-based coatings to improve the water-repellent or anti-sticking properties. Used as a silylation agent to protect alcohols, phenols, and other nucleophilic groups during chemical reactions. It can also be used as a reagent for cross-coupling reactions. Used as an intermediate in drug and agrochemicals development.

### Typical Properties

|             |                                   |
|-------------|-----------------------------------|
| Description | Allyltrimethylsilane              |
| Product No. | ChangFu® TMA                      |
| CAS No.     | 762-72-1                          |
| Formula     | C <sub>6</sub> H <sub>14</sub> Si |
| Purity      | min 97%                           |
| Color       | Colorless or light yellow         |
| Appearance  | Clear liquid                      |

- Package** Offered in 25L pails and 200L drums. Custom packaging is available.
- Storage** Stored in a cool, well-ventilated place. Keep the container tightly closed.
- Transportation** See the corresponding Safety Data Sheet.