

Organics  
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# Intermediates

Product description  
Application

 **Synthesia**  
Chemistry for the future

# Intermediates

The segment of organic intermediates developed during the 1950s to provide a raw material basis for the production of advanced products, mainly dyestuffs and pharmaceutical substances. With the development of the plastics industry, Synthesia invested in modern technologies and equipment for the processing of phosgene into new products, particularly for polymerization. In connection with this facet of the segment, we permanently continue to modernise research and technological bases, to be able to offer truly cutting edge products and services.

With regards to the technologies applied in our production, the core ones are nitration, hydrogenation and phosgenation. However, inseparable parts of our production processes are sulfonation and chlorosulfonation or condensation.

## Sub-division of the organic intermediates portfolio



### Intermediates for gunpowder production

We are a traditional manufacturer of gunpowder stabilizers. These products are based on organic ureas, one of the outputs of our phosgene processes. Our products are used by manufacturers of gunpowder for the target segments of the military, hunting and sport.



### Intermediates for pharmaceutical ingredients

Our product portfolio comprises of isophthalic acid derivatives, which are used in x-ray contrast agents. We offer various stages of completion antecedent to the GMP.



### Intermediates for phosgenation

We are a producer of phosgene both in liquid and gaseous form, and in addition, upon request, we are able to deliver various types of nitro compounds and amines for manufacturers with target segments especially in the areas of plastics, pharmaceuticals, agro-industry and adhesives.



### Intermediates for pigments and dyes

The main direction in this segment is intermediates for the production of pigments. Our customers are manufacturers of pigments for final use in plastics industry, paints, etc.



### Intermediates for polymerization

We are a manufacturer of aromatic isocyanates which are used for the preparation of antihydrolysis agents for polymerization which serve to stabilize polymers such as PET, PU, TPU, PA, etc. in plastics industry.

## Our partners benefit from

- Long-term experience in API production
- High Quality Products – USP, PhEUR
- FDA approved source
- Production under GMP, GLP
- DMF
- Full registration support
- Customer service
- European producer, located in Central Europe
- Supplies to countries worldwide
- Flexibility in quantities, packing
- Prompt deliveries and logistics cost reduction