

Phosgenation

Integrated phosgenation system for Custom Synthesis

In-situ phosgene generation and continuous phosgenation :
once generated, phosgene reacts immediately in continuous flow reactor Raptor®

- CARBONYL CHLORIDE
- CHOROFORMATE
- ACID CHLORIDE
- CARBAMATE
- ISOCYANATE
- CARBAMOYL CHLORIDE
- UREA
- VILSMEYER



PROCESS CONTROL
CONTINUOUS PHOSGENE GENERATION
CONTINUOUS REACTION

Competitive advantage

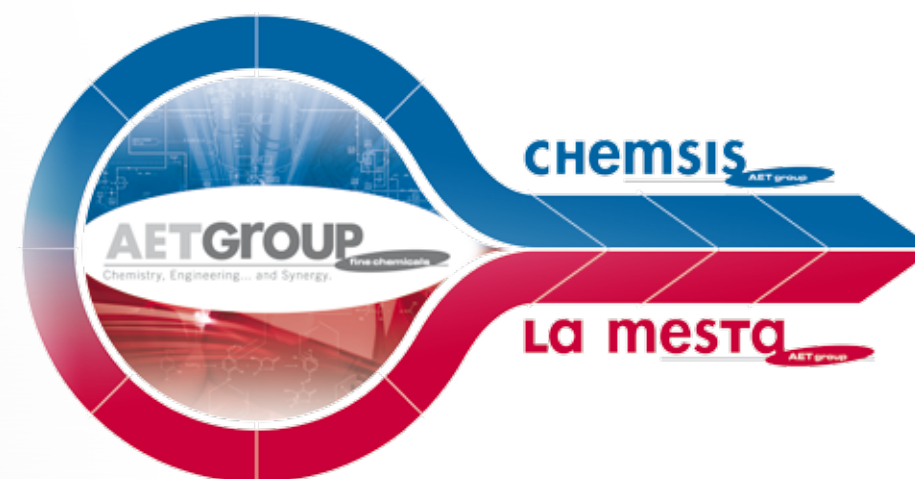
- Safe system completely isolated for phosgene generation and its use.
- Reactions are intensified thanks to Raptor® continuous flow capabilities.
- Improved productivity and selectivity for reduced costs.
- No phosgene storage or accumulation.

The first system has been installed at La Mesta Chimie Fine with a phosgene generation capacity of around 4 kg per hour equivalent to > 20 tons of phosgene per year.

Typical phosgenated product campaign size: between several kg and tens of tons.



La mesta
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