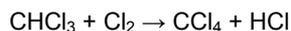
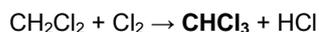
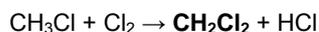
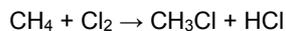


# CHLORINATED SOLVENTS – PRODUCTION PROCESS

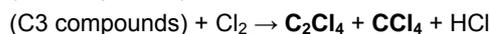
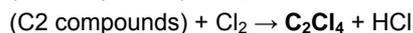
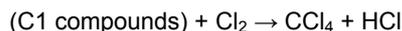
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## Principle

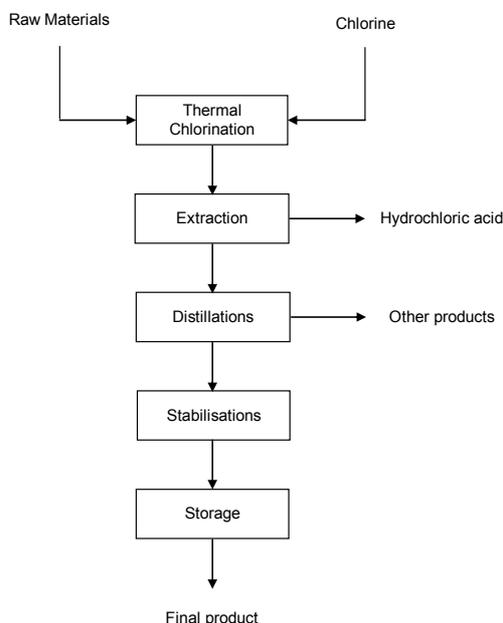
- **Methylene chloride (CH<sub>2</sub>Cl<sub>2</sub>) and chloroform (CHCl<sub>3</sub>)** are manufactured by chlorination of purified methane:



- **Perchloroethylene (C<sub>2</sub>Cl<sub>4</sub>)** is manufactured by chlorination of compounds (chlorinated or not hydrocarbons) containing 1 to 3 carbons.



## Flow chart



## Product treatment

After chlorination, products are separated and purified by several distillation steps. The knowledge of the process and the control of these different steps allow reaching the expected purity for each grade.

Chlorinated solvents are stabilized by means of an anti-oxidizing agent, in order to prevent degradation in presence of oxygen and light. Other stabilisations have also been developed for specific uses.

*Please contact us for further information on grades developed for a specific end-use.*

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