



## Deodorising food processing effluents

### Defining the issue

A co-operative distillery located in Thouarcé (France) was looking for a solution which would allow them to eliminate the offensive odours generated during the storage and agricultural spreading of their distillery waste residue.

They wanted an overall approach:

- to define a process which would be compatible with their existing installations and would provide their effluents with some agricultural value
- to organise validation tests to find out which reagent was the most suitable for this problem and how it should be used
- to install an automatic industrial treatment unit
- to optimise their operating costs

### The solution

From a range of Calci-action® answers, Lhoist suggested the one which allowed a ready-to-use neutralising reagent to be used.

This complete solution included :

- an analysis, with the operator, of the factors causing the release of odours
- a complete laboratory effluent analysis to choose the most suitable reagent and the required dosage
- the installation of an Idra-Stock® 40 unit for the storage and dosage of Neutralac® SL
- the definition of the working parameters
- regular deliveries of Neutralac® SL and technical assistance

### Conclusion

Lhoist met the distillery's expectation in terms of:

- taking overall charge of the problem (analysis, processes, equipment and reagent)
- achieving the performance required in terms of deodorisation
- making the process safe
- ensuring the durability of its agricultural recycling process

This successful, complete solution has now been operational for several years.



Idra-Stock® 40 storage unit