

## PRACTICAL INFORMATION 9

- ◆ According to TRGS 510, no. 12.6.2 storage rooms have to be ventilated sufficiently. When the content of a room is up to 100 m<sup>3</sup> an air exchange of 0.4 fold at least is to be guaranteed. The entire room is to be classified in zone 2.
- ◆ Concerning technical ventilation according to ASR A3.6 (technical regulations for workplaces) malfunction or disorder has to be indicated by self-acting alarm. This is valid, if health hazards are expected in case of malfunction or disorder. During storage of combustible liquids it is always in case of being provided an air change of more than 0.4-times.
- ◆ The 5-fold air exchange can only be realized with a technical forced ventilation.  
For the operator this implies the installation of an electrical supply and that he has to bear the current electricity costs.
- ◆ By using natural ventilation 0.4-fold air exchange is possible. Without any extra costs for the operator due to constructional details, such as ventilation slots above the sump pallet.
- ◆ **The effectivity of natural ventilation according to the regulations of DIBt is to be practically proved by an authorized testing institute, e.g. by means of dying out method.**
- ◆ **Our WSCs and safety storehouses are approved for storage of flammable liquids. Air exchange is tested and approved by an authorized testing institute.**
- ◆ To make sure that you meet all legislative's requirements, please contact us - we look forward to assisting you (even locally)!

### Natural ventilation - our water protection compartment container:



„Passive storage“ --> Containers will neither be opened, filled and/or emptied during storage.

„Active storage“ --> Containers will be used as removal containers or sumps at the storage location or opened for other purposes.