

WHY REMOVE H₂S?



H₂S is toxic and **highly corrosive** due to the formation of **sulphuric or sulphurous acid**, if oxygen and water are present.

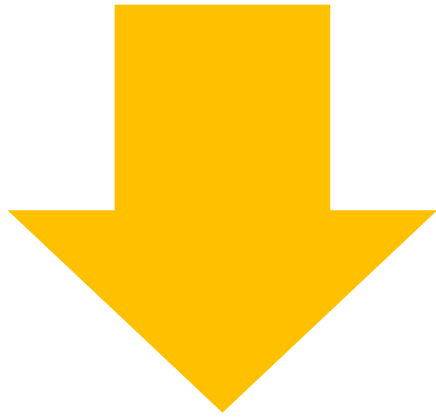
SULPHARED® FILTER

Sulphared ® has a high binding capacity for:

Phosphates	(PO_4^{3-})
Arsenates	(AsO_3^{4-} , AsO_4^{4-})
Heavy metal ions	(Cu, Zn, Ni, Hg ...)
Sulfides	(S^{2-} , H_2S)



SULPHARED® VS CARBON FILTER



SulphaRed

- Cheaper in €/kgs
- Constant quality
- Pure product
- Selective for H₂S –high loading rates
- Possible use without O₂
- Non-combustible (below 190°C)
- Better at high humidity (> 70 %)
- High adsorption capacity



Activated carbon

- Well known
- Faster reaction
- Binds siloxanes and VOCs
- Better at low humidity (< 30 %)
- Medium adsorption capacity

