

## SOME REFERENCES

### Drinking water - Municipal water plants

Issue: Economical neutralisation; replacement of maerl  
Solution: Akdolit® C1/2

Issue: Neutralisation; replacement of maerl  
Solution: Akdolit® Hydro-Calcit® CG

Issue: Reliable softening; replacement of hydrated lime  
Solution: Akdolit® SL HR

Issue: Iron and manganese removal; deacidification  
Solution: Akdolit® Hydro-Anthrasit H and Akdolit® CM G

Issue: Capacity increase  
Solution: Akdolit® Hydro-Calcit® CG

Issue: pH adjustment and hardness treatment by water of lime (from Duwa-Matic™)  
Solution: Akdolit® Q 90

Issue: pH adjustment and hardness treatment  
Solution: Akdolit® H 90

### Process water

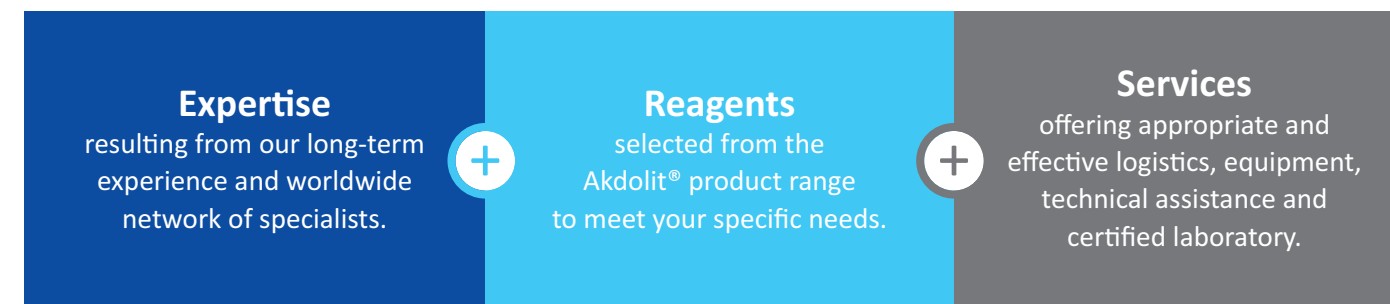
**Industrial process**  
Issue: pH adjustment and iron removal of spring water  
Solution: Akdolit® Gran CM G

**Industrial boiler**  
Issue: Optimisation of water decarbonation  
Solution: Akdolit® Q, Akdolit® Duwa-Matic™



## THE LHOIST OFFER

Akdolit® is part of the Lhoist Group which offers you a full solution.



Lhoist,  
your global partner for drinking and process water treatment

Lhoist is a multi-national company, expert in lime, dolime and mineral products. The diversity of our product range and our industrial facilities around the world allow the Group to be a key partner in multiple industries and business sectors.

[www.lhoist.com](http://www.lhoist.com)  
[www.akdolit.com](http://www.akdolit.com)



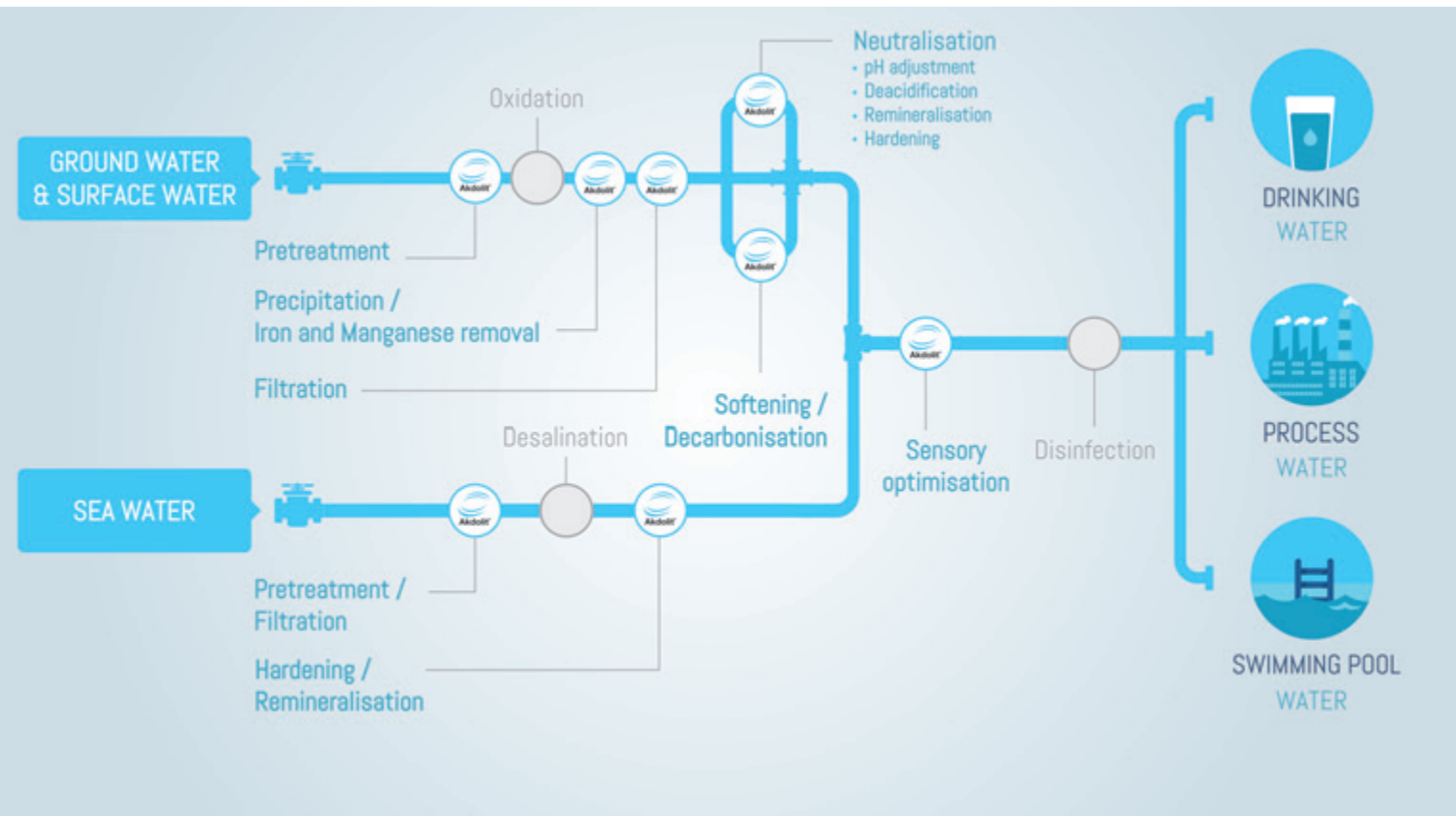
## DRINKING & PROCESS WATER TREATMENT

Akdolit® is a registered trademark of Lhoist. Recherche et Développement S.A. - Hydro-Calcit® and HydroLit® are registered trademarks of Rheinalkal - Photos: Lhoist - Feb. 2018  
Lime substances are classified under Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation).  
Before handling, always read the extended Safety Data Sheet (e-SDS) and container labels for safe use, physical and health hazard information of the specific product.



# SOLUTIONS FOR ALL DRINKING AND PROCESS WATER TREATMENT

## SPECIFIC PROCESSES



## PRODUCT RANGE FOR NEUTRALISATION

### Decarbonation, remineralisation, pH adjustment

Akdolit® Q	Quicklime	EN 12518
Akdolit® H	Hydrated lime	EN 12518
Akdolit® H HR	High reactivity hydrated lime	EN 12518
Akdolit® SL	Milk of lime	EN 12518
Akdolit® SL HR	High reactivity milk of lime	EN 12518

### Deacidification and remineralisation in open or closed fixed-bed filter combined with effective deferrisation and demanganisation

Akdolit® C	Terrestrial calcium carbonate	EN 1018
Akdolit® Hydro-Calcit® CG	Porous granulated synthetic calcium carbonate	EN 1018
Akdolit® Magno-Dol CM	Half burnt dolomite	EN 1017
Akdolit® CM G (Gran)	Granulated synthetic half burnt dolomite	EN 1017
Akdolit® Hydrolit® Mg G	Granulated magnesium hydroxide	EN 16004

## PRODUCT RANGE FOR FILTRATION

### Multi-layer filtration

Akdolit® Hydro-Anthrasit	Carbon-based filtration media	EN 12907/12909
Akdolit® Hydro-Sorb	Carbon-based filtration media	EN 12915
Akdolit® Hydro-Filt PS	Natural micro-porous aluminosilicate material	EN 12906

### Manganese removal

Akdolit® Hydrolit® Mn	Manganese coated carbonate	EN 14368
Akdolit® Mn FS	Manganese ore based filter material	EN 13752

### Single-layer filtration

Akdolit® Magno-Filt	Dolomite-based minerals	EN 16003
Akdolit® FS	Natural sand	EN 12904

Akdolit® offers an extensive range of reagents and solutions for multiple applications associated with the treatment of drinking, swimming pool and process waters. Our expertise lies in neutralisation, deacidification, mineralisation, hardening, filtration and a number of special applications targeting specific pollutants.

Akdolit® is the ideal solution for a wide spectrum of water treatment purposes. Akdolit® product range consists of reagents presenting a variety of reactivity, grain sizes and shapes enabling Lhoist to fit every customer's facilities and requirements.

Akdolit® competence results from granting importance to the details. The filter media used in the Akdolit® product range meets every requirement for filtration media right down to the last detail.

