



AQUADERM® Catch AE

# Where safety meets efficiency

» Highly effective, efficient and safe



TFL – Great chemicals. Excellent advice.

AQUADERM® Catch AE



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## VOC – the challenges of the leather industry

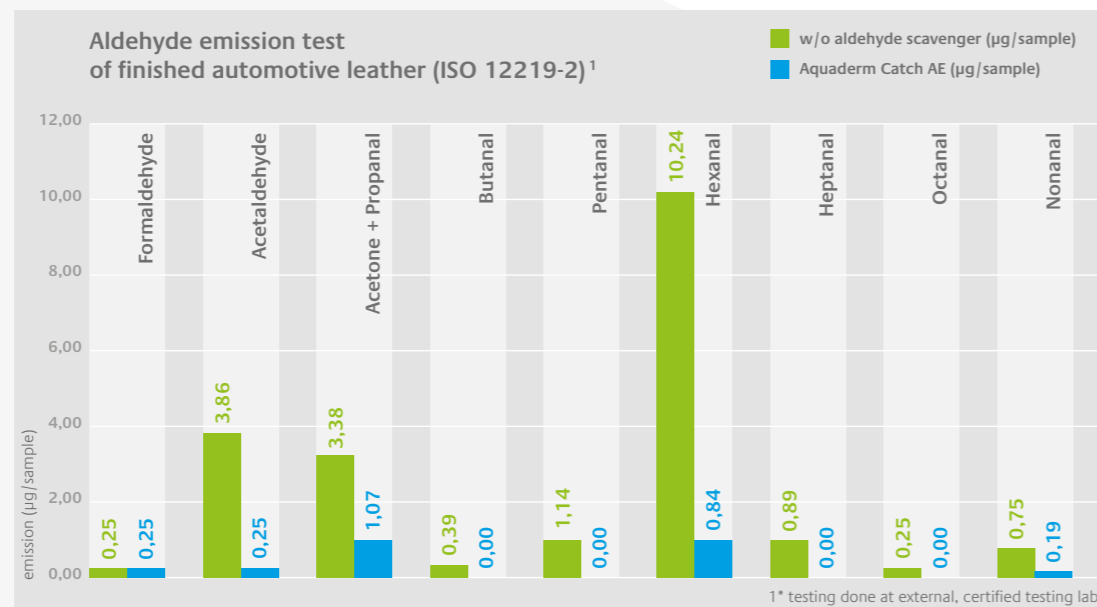
Emissions of volatile organic compounds (VOC) from vehicle trim components such as leather can affect the car interior air quality and therefore the comfort and health of drivers and passengers. Acetaldehyde emitting from automotive leathers is the biggest challenge among the most prominent VOCs. Acetaldehyde levels in raw hides are rather high but are significantly reduced during leather processing up to the crust stage, using selected beamhouse and wet end products. In finishing however, the acetaldehyde content can rise again and if it's not prevented it will be detected during emission tests such as ISO 12219-2, VDA-278, TSM0508G:2009, or TIS 01204-00351A.

## AQUADERM® Catch AE – a state-of-the-art-chemistry

AQUADERM® Catch AE is a highly efficient PUD based aldehyde scavenger for the treatment and after treatment of leather to ensure low aldehyde emissions as required for e.g., automotive leather. State-of-the-art chemistry ensures effective consumption of free aldehydes by chemical bonding via transformation into stable reaction products which are not contributing to emissions.

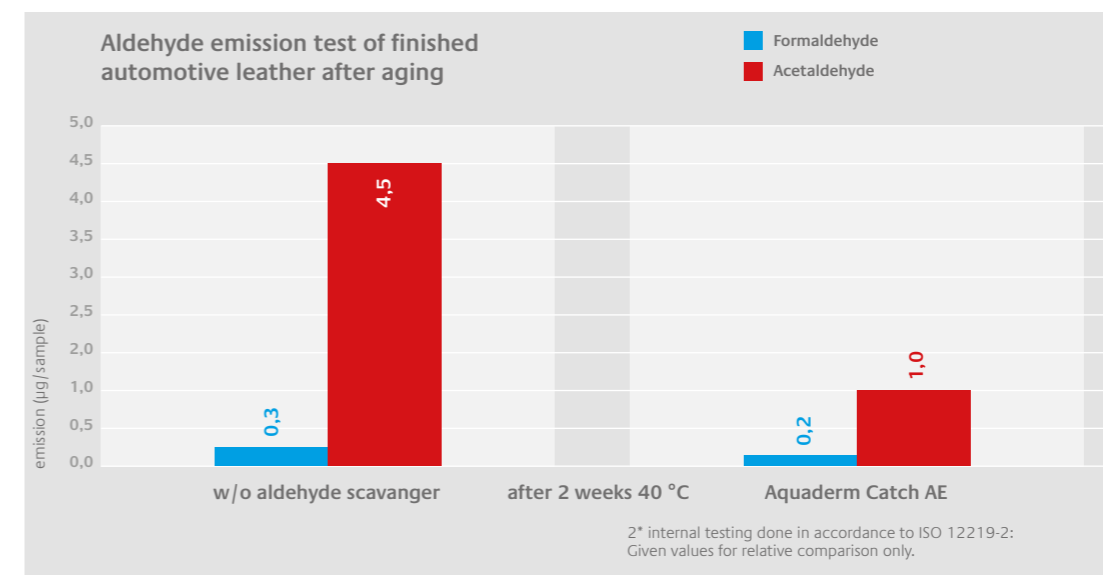
## AQUADERM® Catch AE – effective short-and long-term performance

Nowadays, substances like formaldehyde, acetaldehyde, and other aldehydes such as propanal, butanal, pentanal, etc. represent the main VOC contributors in leather and in case of heptanal and octanal contribute to bad odor. Leather treated with AQUADERM® Catch AE shows significantly reduced aldehyde emissions even after product and finished leather aging.



## AQUADERM® Catch AE – flexibly applicable

AQUADERM® Catch AE is simply applied as a flesh coat with good dust binding properties during the finishing process. Furthermore, AQUADERM® Catch AE exhibits excellent heat yellowing performance and does not harden the leather. In cases where a flesh coat is not desired, AQUADERM® Catch AE can also be added to base coat formulations.



## AQUADERM® Catch AE – global marketability and advantages in toxicology

It was ensured, that AQUADERM® Catch AE is globally marketable and that there is no toxicological impairment – AQUADERM® Catch AE comes with no GHS labels or signal words attached in contrast to comparable products which are available in the market.

### Highly effective, efficient, and safe

- State-of-the-art scavenging chemistry
- Effective short- and long-term performance
- No GHS labeling
- Global marketability



Aquaderm® Catch AE –  
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