

Sarralbe July, 2022

**Object: REACH Directive / Chemical conversion treatment substitution / ALODINE® 1200 to SURTEC® 650 switching Information**

Dear customer,

LEACH International Europe, aware of the importance of the European REACH regulation, meets its obligations as a producer in accordance with article 33 of this regulation

A such:

\* For recent LEACH design (> 2015), SURTEC® 650 surface treatment has already been favored during the design phases (because it does not contain chromium VI)

\* For legacy designs (< 2015), ALODINE® 1200 surface treatment used in some LEACH products must be updated because it contains chromium VI (as per appendix XIV of REACH regulations) – even if (at date) a derogation exist for transportation & Aerospace sectors (up to September 2024).

For this reason, LEACH international Europe has worked in the past months on the qualification (by non-regression) of the treatment that will replace the ALODINE 1200® on « legacy design » product.

Thus, at the end of a « generic » qualification campaign (testing two different substitute products) , LEACH finalized its comparative study (that can be consulted in LEACH plant) and agreed on the choice of switching from ALODINE® 1200 to SURTEC® 650 also for its legacy product.

This demonstration (based on the non-regression analysis of 2 surface treatments with ALODINE® 1200) shows that SURTEC® 650 does not bring any regression (in the cases of LEACH design uses).

**Thus, the surface treatment used for new manufactured LEACH component and Equipment (of legacy design), will progressively switch from ALODINE® 1200 to SURTEC® 650.**

Products performance and characteristics being unchanged, the changeover will take place without P/N or amendment changes in accordance with the following schedule:

- Starting October 1st 2022 and till September 2024, new manufactured LEACH product (of legacy design that were still ALODINE® 1200 based) will be either coated with ALODINE® 1200 or with SURTEC® 650. Indeed, for stock management purpose, and in accordance with the regulation, the latest delivery date of product including ALODINE® 1200 coating will be September 2024.

- After September 2024, no new LEACH manufactured product will include ALODINE® 1200.

Case of products returned to LEACH repair station : Unless specifically requested by the customer, return units (initially treated with ALODINE®1200), will not be upgraded to SURTEC® 650.

For any question relatives to the above plan, please use the following email address:

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Thank you for your understanding and support in this process of REACH regulations compliance.

**Eric Buchheit**  
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