

Alternatives to Trichloroethylene for the degreasing and cleaning of parts

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For the attention of the Managing Director and Quality Manager.

Dear Sir or Madam,

Scope / Applicability:

All Rolls-Royce Suppliers / Partners

Introduction:

Trichloroethylene is a priority substance for consideration under the EU's existing substances regulation EC/793/93 and was classified as carcinogen cat 2 with the label R45 in 2001. It is now in consultation for authorisation under the REACH regulations. Producers of trichloroethylene have worked proactively with the EU authorities in order to:

- Ensure adequate control of risk related to the use of trichloroethylene in metal cleaning applications identified in the EU risk assessment;
- Safeguard the long-term sustainable use of trichloroethylene in closed systems for metal cleaning.

Rolls-Royce has approved the Dowclene 1601 solvent as an alternative to trichloroethylene for vapour degreasing only. It is supplied by the Dow Chemical Company Europe GmbH and the subsidiary company Safechem Europe GmbH. Dowclene 1601 is an alkoxypropanol chemical and meets the requirements of the Rolls-Royce specification CSS 342. The solvent is for use in closed equipment meeting EN 1291-4 requirements only.

Action Required:

Suppliers to continue use of trichloroethylene for the vapour degreasing of parts subject to applicable industry and legislative requirements. Dowclene 1601 may be used as an alternative to trichloroethylene in closed equipment only.

Use of Dowclene 1601 will require adjustment to equipment settings as advised by the equipment supplier and substantiation of the degreasing and cleaning process in accordance with Global Specification RRP 51000 requirements.

NTS Category Type:

General Information / Communication

Authorised by:

Andy Page

Supplier Development Executive