

STATEMENT FOR ARSENIC COMPOUNDS

Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of the Chemicals (REACH) requires for example that information of certain Substances of Very High Concern (SVHC) is communicated in the supply chain when it is over 0.1% in the article, preparation or substance. For further information please visit [SVHC candidate obligations](#) and [SVHC candidate list](#).

Diarsenic pentaoxide, diarsenic trioxide, triethyl arsenate, lead hydrogen arsenate, arsenic acid, calcium arsenate and trilead diarsenate have been placed on the candidate list of SVHC on 28th October, 2008 and 19th December, 2011, respectively, due to the identification as carcinogenic and/or toxic to reproduction substances.

There are currently no international test standards available to identify and determine quantitatively the amounts of these SVHC present in consumer products finished articles. After careful consideration of ECHA requirements and thorough research, a SGS in-house screening method has been developed by checking the presence of arsenic, lead (for lead hydrogen arsenate and trilead diarsenate) and calcium (for calcium arsenate only) in the sample. This approach is confirmed as valid according to the recommendation from the ECHA helpdesk. However, due to the fact that the source of arsenic and/or respective SVHC cations cannot be categorically identified, the amounts of arsenic compounds present are therefore based on calculation. For the sake of maximum security the

calculation is based on the worst-case scenario for each individual arsenic compound and the reported values should be regarded as for reference only.

Whenever there is a positive finding, clients are advised to review the chemical formulation as well as the related production process in order to ascertain the material of concern which is present in the article. We would like to inform you that there may be further obligations in connection with REACH for placing articles containing >0.1% SVHC on the markets of EU member states. Please contact reach@sgs.com for further information.

SGS GLOBAL REACH AND RSTS TEAM

Date of preparation: 02nd January 2015

SUBSTANCE NAME	EC NUMBER	CAS NUMBER
Diarsenic pentaoxide	215-116-9	1303-28-2
Diarsenic trioxide	215-481-4	1327-53-3
Triethyl arsenate	427-700-2	15606-95-8
Lead hydrogen arsenate	232-064-2	7784-40-9
Arsenic acid	231-901-9	7778-39-4
Calcium arsenate	231-904-5	7778-44-1
Trilead diarsenate	222-979-5	3687-31-8

This statement is issued by the Company subject to its [General Conditions of Service](#). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. This statement cannot be reproduced, except in full, without prior written permission of the Company. The explanations given in this document reflects our best understanding of the REACH regulation with regard to SVHC and resulting obligations at the time of publication. The interested reader is referred to the regulatory primary literature and or professional advice for legally binding advice.