

Status: March 2022

Regulation (EC) No. 1907/2006 (REACH) — Article 33 ("Candidate List")

Dear customer

On 1 June 2007 Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals' ("REACH" for short) came into force.

REACH contains the following regulations:

1. From 1 June 2008, manufacturers of substances, and importers of substances as such or of substances in preparations (mixtures) into the European Community (EC) and the European Economic Area (EEA), must register these substances with the European Chemicals Agency if the substances in question are manufactured or imported in quantities of at least 1 t/a² and if they are not substances that are exempted from compulsory registration. So-called "phase-in substances" - these are, for example, substances that are shown on the existing substances list EINECS - can be pre-registered between 1 June 2008 and 1 December 2008. Pre-registered substances do not have to be registered until later³, depending on the quantity manufactured/imported.
2. Suppliers of substances and preparations must provide the recipient with either a safety data sheet⁴ or safety information⁵. In certain cases, the safety data sheet will be supplemented by an annex⁶ ("extended safety data sheet") showing the relevant exposure scenarios (including use and exposure categories where appropriate).
3. Manufacturers and importers of articles that are intended to release a substance under normal or reasonably foreseeable conditions of use must likewise register the substance concerned if its total content in the articles is more than 1 t/a⁷. For this purpose, the same registration periods apply as in the case of 1.
4. Manufacturers and importers of articles that contain more than 0.1 mass percent per article of a substance on the "candidate list" shall provide the professional recipient and on request a consumer of the article with sufficient information to allow safe use of the article, including, as a minimum, the name of that substance⁸.
5. From June 1, 2008, users of chemicals (substances and preparations/mixtures) - so-called "downstream users" - will have to comply with other obligations, but in some cases only after they have received an extended safety data sheet. Downstream users can provide appropriate information so as to assist the manufacturers of substances and importers of substances and preparations in registering them⁹.

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

²Article 6 of REACH.

³Article 23 of REACH.

⁴Article 31(1) of REACH.

⁵Article 32 of REACH.

⁶Article 31(7) of REACH.

⁷Article 7 (1) of REACH.

⁸Article 33 of REACH.

⁹Article 37 of REACH.

Radium manufactures articles that are generally not intended to release any substance under normal or reasonably foreseeable conditions of use. Thus, articles are manufactured by Radium do not pose any risk when used as intended.

Material Safety Data Sheets are only mandatory statutorily for certain substances and mixtures. Affected Radium products are accompanied by appropriate Material Safety Data Sheets.

The candidate list (Substances of Very High Concern, according to article 59 (1, 10) of Regulation (EC) No. 1907/2006 ("REACH") has been published by ECHA (European Chemicals Agency, http://echa.europa.eu/chem_data/candidate_list_table_en.asp).

As required by article 33, Radium will provide appropriate information to its customers, if certain products or its packaging contain one or more of these SVHC in a concentration above 0.1% (weight) per article, as soon as we become aware of the fact.

According to Radium environmental sustainability policy it is our major concern to place on the market SVHC-free products for our customers, *i.e.* Radium generally strives for obtaining SVHC-free components/products from its suppliers. However, some Radium products might contain SVHC (e.g. lead) above the concentration level of 0.1% (weight) due to technical limitations, as to ensure their functionality over lifetime. Radium is working together with its suppliers to substitute such substances in its products.

- Radium products with Lithium batteries might contain 1,2-dimethoxyethane, (ethylene glycol dimethyl ether EGDME) (CAS No. 110-71-4) more than 0.1 % weight by weight of battery.
- Individual Radium products that apply exemptions of Annex III Directive 2011/65/EU (RoHS), including all amendments, concerning lead, contain articles with lead compounds resulting in lead (CAS No. 7439-92-1) concentration above 0,1 % by weight of article.
- Radium signal lamps for railway application (Low-voltage over-pressure single/dual-coil lamps) as well as silicone-based articles or mixtures, respectively, might contain Octamethylcyclotetrasiloxane (D4) (CAS. 556-67-2), Decamethylcyclopentasiloxane (D5) (CAS No. 541-02-6) or Dodecamethylcyclohexasiloxane (D6) (CAS No. 540-97-6) with concentration above 0.1 % by weight of article.

Further information concerning REACH are accessible under www.Radium.de/reach. In case of further questions please feel free to contact us: reach@Radium.de

Wipperfürth, March 2022

Radium Lampenwerk GmbH
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