

Authorisation of Substances of Very High Concern

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REACH

REACH* requires from companies an authorisation application for the placing on the market and use of Substances of Very High Concern (SVHC) listed in Annex XIV REACH.

The authorisation provisions under REACH

1. SVHC ENTER
CANDIDATE LIST

Substances are identified as SVHC according to the procedure detailed in Art. 59 and according to the criteria laid down in Art. 57. **73 substances** have been included in the [Candidate List](#) so far. Twenty SVHC have been added in December 2011!

SVHC included Dec 2011	Main uses
Lead dipicrate	explosive used in detonator mixtures
Lead styphnate	ammunition, used in munitions pyrotechnics, detonators
Lead azide, Lead diazide	in detonators for both civilian and military uses, initiator in pyrotechnic devices
Phenolphthalein	laboratory reagent, pH-indicator paper and medicinal products
2,2'-Dichloro-4,4'-methylene dianiline	curing agent, cross-linker, chain extender and pre-polymer, used in resins, production of polymer articles, construction and arts
N,N-Dimethylacetamide	solvent/intermediate in manufacture of various substances and fibres for clothing, industrial coatings, polyimide films, paint strippers and ink removers
Trilead diarsenate	present in raw materials for manufacture of copper, lead and a range of precious metals, intermediate transformed to calcium arsenate (waste) and diarsenic trioxide (used further)
Calcium arsenate	present in raw materials for manufacture of copper, lead and a range of precious metals, precipitating agent in copper smelting, manufacturing of diarsenic trioxide (calcium arsenate waste)
Arsenic acid	fining agent for ceramic glass (artisanal glass sector), copper foils for printed circuit boards, wood preservatives (outside EU)
Bis(2-methoxyethyl)ether	reaction solvent, solvent for battery electrolytes, used in sealants, adhesives, fuels, automotive care products, paints
1,2-Dichloroethane	Intermediate (e.g. vinyl chloride monomer), solvent in the chemical and pharmaceutical industry
4-(1,1,3,3-Tetramethylbutyl)phenol	polymer preparations, manufacture of ethoxylates, in adhesives, coatings, inks and rubber articles
2-Methoxyaniline	Manufacture of dyes for tattoo ink and dyeing of paper, polymers and aluminium foil
Bis(2-methoxyethyl) phthalate	plasticiser in polymeric materials and paints, lacquers and varnishes, including printing inks
Formaldehyde, oligomeric reaction products with aniline	intermediate, hardener for epoxy resins, e.g. for the production of rolls, pipes and moulds, and as well for adhesives
Dichromium tris(chromate)	metal surface treatment in the aeronautic/aerospace, steel and aluminium coating, laboratory reagent
Potassium hydroxyoctaoxidizincate dichromate	Coatings in aeronautic/aerospace, steel and aluminium coil coating, vehicle coating
Pentazinc chromate octahydroxide	vehicle coating and aeronautic/aerospace coating
Zirconia aluminosilicate refractory ceramic fibres (RCF)	high temperature insulator (e.g. in equipment for vehicles and aerospace) and protection against fire
Aluminosilicate RCF	high temperature insulator (e.g. in equipment for vehicles and aerospace) and protection against fire

Do companies have legal obligations resulting from inclusion of a substance in the Candidate List?

Yes, these obligations refer not only to the listed substances on their own or in mixtures but also to their presence in articles. The obligations are mainly related to the communication of safe use information along the supply chain (Art. 33), the update of safety data sheets (Art 31), and notification to the ECHA of articles with >0.1% SVHC and >1 t/a (Art. 7(2)). ECHA recently published information on [obligations linked to the Candidate List](#) and [data on consumer articles containing SVHC](#). See also [Special Newsletter on SVHC in articles](#).

Keep informed! A [public consultations](#) was launched for 13 new proposed SVHC by ECHA. Intentions of MS to submit an Annex XV dossier as SVHC identification proposal are listed in the [Registry of submitted SVHC intentions](#). You can consult them in order to anticipate a potential impact on your business and for a timely preparation for commenting later in the process if interested.

*REACH: Regulation (EC) 1907/2006 for Registration, Evaluation, Authorisation and restriction of Chemicals, entry into force 1 June 2007

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2. SVHC PRIORITISATION

Based on risk-based criteria and regulatory effectiveness SVHC are prioritised for Annex XIV REACH inclusion (procedure Art 58). Three recommendations have been issued so far: 7 SVHC June 2009 (1st Rec) - 8 SVHC Dec 2010 (2nd Rec) - 13 SVHC have been recommended for Annex XIV inclusion recently [Dec 2011 \(3rd Rec\)](#).

3 rd Recommendation	Main uses
Trichloroethylene	intermediate for chlorinated and fluorinated organic compounds, cleaning and degreasing of metals, solvent in adhesives
Cobalt dichloride	Intermediate, in organic textile dyes, tyre adhesion additives, drying agent for paints, corrosion inhibition, manufacture of inorganic pigments, frits, glass and ceramic ware, trace element in fermentation, in fertilisers and animal feed supplement, humidity indication
Sodium dichromate	manufacture Vit-K, wood preservatives, essential oils and parfum, manufacture of chromium compounds and pigments, metal surface treatment, for preparation of coloured glass and glazes
Potassium chromate	corrosion inhibitor in metal coating, in manufacture of chemicals, reagents, textiles, pigments/inks, dye, laboratory agent
Ammonium dichromate	oxidizer, manufacture of photosensitive screens, mineral mordant in textile industry
Potassium dichromate	manufacture chromium metals, corrosion inhibitor in metal coating, mordant in textile industry, laboratory agent, manufacture reagents
Sodium chromate	manufacture of chromium metals, chlorates, metal coating, laboratory agents, in dyes, leather tanning
Acids generated from chromium trioxide and oligomers	metal finishing, wood preservatives, manufacture of catalysts, pigments, paints and varnishes, oxidant
Chromium trioxide	metal finishing, wood preservatives, manufacture of catalysts, pigments, paints and varnishes, oxidant
Cobalt(II) diacetate	catalyst, production of catalysts, chemicals and pigments, surface treatment, dyes, rubber adhesives, feed additive
Cobalt(II) carbonate	manufacture of catalyst, production of other chemicals, feed additive, adhesion in ground coat frits
Cobalt(II) dinitrat	manufacture of catalysts and chemicals, surface treatment, batteries
Cobalt(II) sulphate	Manufacture of chemicals and pigments (possibly catalysts and desiccants), surface treatment, corrosion inhibitor, decolourant (glas, ceramic) feed additive, fertilizer, batteries

Further information Annex XIV Recommendation at ECHA's website: [Results of Recommendations](#), [ECHA Approach for Prioritisation](#)

3. ANNEX XIV INCLUSION

14 substances have been included meanwhile in Annex XIV REACH ([Regulation \(EU\) 143/2011](#) and its [Corrigendum](#) and [Regulation \(EU\) 125/2012](#)). **Authorisation application can be submitted.**

ECHA has specified [submission periods](#) **Tip:** Submit your application during the first days of these windows to reduce risk of missing a specific period's deadline due to failing the business rules check.

1 st Recommendation	Sunset	LAD	Latest SP	LAD = Latest Application Date, SP = submission period ; information on main uses are based on Annex XV dossiers or ECHA press release (2009)
Hexabromocyclododecane	21/08/2015	21/02/2014	18/11-02/12/2013	
Dibutylphthalate	21/02/2015	21/08/2013	20/05-03/06/2013	
Bis(2-ethylhexyl)phthalate	21/02/2015	21/08/2013	20/05-03/06/2013	
Benzylbutylphthalate	21/02/2015	21/08/2013	20/05-03/06/2013	
5-tert-butyl-2,4,6-trinitroxylylene	21/08/2014	21/02/2013	19/11-03/12/2012	
4,4'-Diaminodiphenylmethane	21/08/2014	21/02/2013	19/11-03/12/2012	
2 nd Recommendation				
Diarsenic pentaoxide	21/05/2015	21/11/2013	19/08-02/09/2013	Dye industry, metallurgy, wood preservative, manufacture special glass
Diarsenic trioxide	21/05/2015	21/11/2013	19/08-02/09/2013	Decolourising agent glass/enamel, starting point manufacture elementary As, As-alloys and semiconductors, refining and oxidizing agent for glass and lead crystal
Tris(2-chloroethyl)phosphate	21/08/2015	21/02/2014	18/11-02/12/2013	additive plasticiser, viscosity regulator with flame-retarding properties, adhesive, coatings, non-flamable paints and varnishes
Lead chromate molybdate sulphate red	21/05/2015	21/11/2013	19/08-02/09/2013	colouring, painting and coating agent in rubber, plastic and paints, coatings and varnishes industries
Lead chromate	21/05/2015	21/11/2013	19/08-02/09/2013	Manufacture of pigments, dyes and pyrotechnic powder, coating agent, embalming and reforming of art products, bleach and cleaning agent
2,4-Dinitrotoluene	21/08/2015	21/02/2014	18/11-02/12/2013	intermediate for toluene diisocyanate (used for manufacture of flexible polyurethane foams), gelatinizing-plasticizing agent for explosives
Lead sulfochromate yellow	21/05/2015	21/11/2013	19/08-02/09/2013	colouring, painting and coating agent in rubber, plastic and paints, coatings and varnishes
Diisobutyl phthalate	21/02/2015	21/08/2013	20/05-03/06/2013	plasticisers and gelling agent used in PVC and other polymers applications

SUPPORT Docs and Templates for Application for Authorisation at [ECHA website](#), [Guidance on preparation of an Application for Authorisation](#) **SEE ALSO** previous [Newsletter on authorisation NEWS](#)
* Only Representative can apply for authorisation * [Pre-submission information sessions](#) for applicants