



January 5, 2012

### Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

REACH is a European Community Regulation on chemicals and their safe use (EC 1907/2006). It deals with the Registration, Evaluation, Authorisation and Restriction of Chemical substances. The law entered into force on 1 June 2007. The aim of REACH is to improve the protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances. More information may be found at [http://ec.europa.eu/environment/chemicals/reach/reach\\_intro.htm](http://ec.europa.eu/environment/chemicals/reach/reach_intro.htm).

Lattice is a supplier of “articles” as defined in REACH. The “substances” contained in these articles are not intentionally released, nor do the articles contain any of the substances on the updated SVHC Candidate List of 73 substances published on December 19, 2011:

#	Substance Name	CAS #	SVHC Published Date
1	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	10/28/2008
2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	10/28/2008
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	10/28/2008
4	Anthracene	120-12-7	10/28/2008
5	Benzyl butyl phthalate (BBP)	85-68-7	10/28/2008
6	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	10/28/2008
7	Bis(tributyltin)oxide (TBTO)	56-35-9	10/28/2008
8	Cobalt dichloride	7646-79-9	10/28/2008 6/20/2011
9	Diarsenic pentaoxide	1303-28-2	10/28/2008
10	Diarsenic trioxide	1327-53-3	10/28/2008
11	Dibutyl phthalate (DBP)	84-74-2	10/28/2008
12	"Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	10/28/2008
13	Lead hydrogen arsenate	7784-40-9	10/28/2008
14	Sodium dichromate	7789-12-0 10588-01-9	10/28/2008
15	Triethyl arsenate	15606-95-8	10/28/2008
16	2,4-Dinitrotoluene	121-14-2	1/13/2010
17	Aluminosilicate Refractory Ceramic Fibres	-	1/13/2010
18	Anthracene oil	90640-80-5	1/13/2010
19	Anthracene oil, anthracene paste	90640-81-6	1/13/2010

20	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	1/13/2010
21	Anthracene oil, anthracene paste, distn. lights	91995-17-4	1/13/2010
22	Anthracene oil, anthracene-low	90640-82-7	1/13/2010
23	Diisobutyl phthalate	84-69-5	1/13/2010
24	Lead chromate	7758-97-6	1/13/2010
25	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	1/13/2010
26	Lead sulphochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	1/13/2010
27	Pitch, coal tar, high temp.	65996-93-2	1/13/2010
28	Tris(2-chloroethyl)phosphate	115-96-8	1/13/2010
29	Zirconia Aluminosilicate Refractory Ceramic Fibres	-	1/13/2010
30	Acrylamide	79-06-1	3/30/2010
31	Ammonium dichromate	7789-09-5	6/18/2010
32	Boric acid	10043-35-3 11113-50-1	6/18/2010
33	Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3	6/18/2010
34	Potassium chromate	7789-00-6	6/18/2010
35	Potassium dichromate	7778-50-9	6/18/2010
36	Sodium chromate	7775-11-3	6/18/2010
37	Tetraboron disodium heptaoxide, hydrate	12267-73-1	6/18/2010
38	Trichloroethylene	79-01-6	6/18/2010
39	2-Ethoxyethanol	110-80-5	12/15/2010
40	2-Methoxyethanol	109-86-4	12/15/2010
41	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid	7738-94-5 - 13530-68-2	12/15/2010
42	Chromium trioxide	1333-82-0	12/15/2010
43	Cobalt(II) carbonate	513-79-1	12/15/2010
44	Cobalt(II) diacetate	71-48-7	12/15/2010
45	Cobalt(II) dinitrate	10141-05-6	12/15/2010
46	Cobalt(II) sulphate	10124-43-3	12/15/2010
47	1,2,3-Trichloropropane	96-18-4	6/20/2011
48	1,2-Benzenedicarboxylic acid, di-C6-8- branched alkyl esters, C7-rich	71888-89-6	6/20/2011
49	1,2-Benzenedicarboxylic acid, di-C7-11- branched and linear alkyl esters	68515-42-4	6/20/2011
50	1-Methyl-2-pyrrolidone	872-50-4	6/20/2011
51	2-Ethoxyethyl acetate	111-15-9	6/20/2011
52	Hydrazine	302-01-2 7803-57-8	6/20/2011
53	Strontium chromate	7789-06-2	6/20/2011
54	Dichromium tris(chromate)	24613-89-6	12/19/2011
55	Potassium hydroxyoctaoxodizincatedi- chromate	11103-86-9	12/19/2011

56	Pentazinc chromate octahydroxide	49663-84-5	12/19/2011
57	Aluminosilicate Refractory Ceramic Fibres (RCF)	-	12/19/2011
58	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	-	12/19/2011
59	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	12/19/2011
60	Bis(2-methoxyethyl) phthalate	117-82-8	12/19/2011
61	2-Methoxyaniline; o-Anisidine	90-04-0	12/19/2011
62	4-(1,1,3,3-tetramethyl butyl)phenol, (4-tert-Octylphenol)	140-66-9	12/19/2011
63	1,2-Dichloroethane	107-06-2	12/19/2011
64	Bis(2-methoxyethyl) ether	111-96-6	12/19/2011
65	Arsenic acid	7778-39-4	12/19/2011
66	Calcium arsenate	7778-44-1	12/19/2011
67	Trilead diarsenate	3687-31-8	12/19/2011
68	N,N-dimethylacetamide (DMAC)	127-19-5	12/19/2011
69	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	12/19/2011
70	Phenolphthalein	77-09-8	12/19/2011
71	Lead azide, Lead diazide	13424-46-9	12/19/2011
72	Lead styphnate	15245-44-0	12/19/2011
73	Lead dipicrate	6477-64-1	12/19/2011

While our products do not currently fall within the scope of REACH's registration requirement, we continue to monitor the EU regulation for changes that may require our attention.

Lattice is fully supportive of the various industry efforts throughout the world to phase out the use of undesirable elements from electronic equipment materials and manufacturing processes. Lattice remains committed to continually reducing its impact on the world's natural environment, and we work closely with our customers and suppliers to identify and rapidly eliminate hazardous substances from our products.

Be assured that your business is greatly valued by Lattice Semiconductor and that we will do everything within our power to provide you with the highest level of service and support and with the broadest portfolio of high performance Field Programmable Gate Arrays (FPGAs), Field Programmable System Chips (FPSCs), ispPAC Mixed Signal devices and high-performance ISP™ programmable logic devices (PLDs).

Regards,



Chris Leonhard  
 Sr. Customer Requirements Administrator  
 Lattice Semiconductor Corp.  
[custreq@latticesemi.com](mailto:custreq@latticesemi.com)