

Statement on REACH Provisions

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To ensure a high level of protection of human health and environment the European Parliament and Council has created a regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemical substances, also known as REACH (EC 1907/2006).

In this regulation, producers and importers of articles, which intend to release chemical substances under normal or reasonably foreseeable conditions of use, have to register these substances if certain conditions are met. Because there is no known or intended release of chemical substances under normal conditions from the use of integrated circuit devices in electronic products, it is Energy Micro's understanding at this time that there are no REACH requirements applicable to Energy Micro's integrated circuits.

Producers and importers of articles that contain a substance that in the future is on the European Chemicals Agency's list of Substances of Very High Concern, listed in below table, have to provide appropriate information for safe use of the article to their industrial customers. Energy Micro relies on information from third parties, including suppliers regarding the non-use of the Substances of Very High Concern. Energy Micro has not carried out any testing of the products to verify the statements made by its suppliers, but based on the information given Energy Micro does not use any of the below listed candidates to manufacture integrated circuit devices.

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Viggo Grønli

Product Manager



Substances of Very High Concern as of October 2010:

Substance name	EC number	CAS number
2,4-Dinitrotoluene	204-450-0	121-14-2
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2
Acrylamide	201-173-7	79-06-1
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8
Aluminosilicate Refractory Ceramic Fibres	-	Extracted from Index no.: 650-017-00-8
Ammonium dichromate	232-143-1	7789-09-5
Anthracene	204-371-1	120-12-7
Anthracene oil	292-602-7	90640-80-5
Anthracene oil, anthracene paste	292-603-2	90640-81-6
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2
Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4
Anthracene oil, anthracene-low	292-604-8	90640-82-7
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7
Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9
Boric acid	233-139-2 / 234-343-4	10043-35-3 / 11113-50-1
Cobalt dichloride	231-589-4	7646-79-9
Diarsenic pentaoxide	215-116-9	1303-28-2
Diarsenic trioxide	215-481-4	1327-53-3
Dibutyl phthalate (DBP)	201-557-4	84-74-2
Diisobutyl phthalate	201-553-2	84-69-5
Disodium tetraborate, anhydrous	215-540-4	1303-96-4/ 1330-43-4/ 12179-04-3
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	247-148-4 221-695-9	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)
Lead chromate	231-846-0	7758-97-6
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8
Lead hydrogen arsenate	232-064-2	7784-40-9
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2
Pitch, coal tar, high temp.	266-028-2	-
Potassium chromate	232-140-5	7789-00-6
Potassium dichromate	231-906-6	7778-50-9
Sodium chromate	231-889-5	7775-11-3



Sodium dichromate	234-190-3 (7789-12-0 and 10588-01-9)	7789-12-0/ 10588-01-9
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1
Trichloroethylene	201-167-4	79-01-6
Triethyl arsenate	427-700-2	15606-95-8
Tris(2-chloroethyl)phosphate	204-118-5	115-96-8
Zirconia Aluminosilicate Refractory Ceramic Fibres	-	Extracted from Index no. 650-017-00-8