
WIZnet Co., Ltd

4F Humax Village, 11-4 Sunae-Dong, Bundang-Gu Seongnam-Si, Gyeonggi-Do 463-825 Korea
Tel. +82-31-8023-5678 Fax. +82-31-8022-8090 www.wiznet.co.kr

- **Date:** Issued on July 2nd, 2009 / Updated on December 22nd, 2014
- **To :** All Concerned Partners
- **Subject :** Statement on REACH Provisions from WIZnet, Integrated Circuit Products

To ensure a common approach toward the legal obligations and timelines under the European Union's REACH Community Regulation (Registration, Evaluation, Authorization and Restriction of Chemical substances, EC 1907/2006), global Semiconductor device manufacturers have developed a clear common statement concerning REACH and its impact on the industry. WIZnet Co., Ltd has participated in the development of this common understanding and has been preparing both our company and our supply chain for the requirement under REACH. We are actively monitoring the specifics of the REACH requirements and how such requirements apply to our operations.

With regard to the 161 Substances of Very High Concern (SVHC) candidate list published on the European Chemicals Agency (ECHA) website, based on information from our suppliers and internal chemical screening processes WIZnet does not use any of the 161 chemicals to manufacture IC devices, and does not contravene the restrictions of Annex XVII of the REACH regulations. If there is any change, WIZnet will provide the information to our customers in a timely manner concerning their use or non-use within finished IC products.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Yun Bong Lee".

Yun Bong Lee
CEO/President WIZnet, Co., Ltd

WIZnet Co., Ltd

4F Humax Village, 11-4 Sunae-Dong, Bundang-Gu Seongnam-Si, Gyeonggi-Do 463-825 Korea
 Tel. +82-31-8023-5678 Fax. +82-31-8022-8090 www.wiznet.co.kr

Regulation (EC) No 1907/2006 CONCERNING THE REGISTRATION, EVALUATION,
 AUTHORISATION AND RESTRICTION OF CHEMICALS (REACH)

Substance name	EC No.	CAS No.	Date of Inclusion
Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	2014/12/17
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	2014/12/17
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	2014/12/17
reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)			2014/12/17
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	2014/12/17
Cadmium fluoride	232-222-0	7790-79-6	2014/12/17
Cadmium sulphate	233-331-6	10124-36-4,31119-53-6	2014/12/17
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	2014/06/16
Sodium perborate; perboric acid, sodium salt	239-172-9; 234-390-0		2014/06/16
Sodium peroxometaborate	231-556-4	7632-04-4	2014/06/16
Cadmium chloride	233-296-7	10108-64-2	2014/06/16
Cadmium sulphide	215-147-8	1306-23-6	12/16/2013
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	217-710-3	1937-37-7	12/16/2013
Dihexyl phthalate	201-559-5	84-75-3	12/16/2013
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	202-506-9	96-45-7	12/16/2013
Trixylyl phosphate	246-677-8	573-58-0	12/16/2013

WIZnet Co., Ltd

4F Humax Village, 11-4 Sunae-Dong, Bundang-Gu Seongnam-Si, Gyeonggi-Do 463-825 Korea
 Tel. +82-31-8023-5678 Fax. +82-31-8022-8090 www.wiznet.co.kr

Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	573-58-0	12/16/2013
Lead di(acetate)	206-104-4	301-04-3	12/16/2013
Cadmium	231-152-8	7440-43-9	6/20/2013
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	6/20/2013
Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	6/20/2013
Dipentyl phthalate (DPP)	205-017-9	131-18-0	6/20/2013
4-Nonylphenol, branched and linear, ethoxylated <i>[substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]</i>			6/20/2013
Cadmium oxide	215-146-2	1306-19-0	6/20/2013
Cadmium	231-152-8	7440-43-9	6/20/2013
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	6/20/2013
Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	6/20/2013
Dipentyl phthalate (DPP)	205-017-9	131-18-0	6/20/2013
4-Nonylphenol, branched and linear, ethoxylated <i>[substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]</i>			6/20/2013
Cadmium oxide	215-146-2	1306-19-0	6/20/2013
Henicosfluoroundecanoic acid	218-165-4	2058-94-8	12/19/2012
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] <i>[The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]</i>	247-094-1, 243-072-0, 256-356-4, 260-566-1	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	12/19/2012

WIZnet Co., Ltd

4F Humax Village, 11-4 Sunae-Dong, Bundang-Gu Seongnam-Si, Gyeonggi-Do 463-825 Korea
 Tel. +82-31-8023-5678 Fax. +82-31-8022-8090 www.wiznet.co.kr

Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] <i>[The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]</i>	201-604-9, 236-086-3, 238-009-9	85-42-7, 13149-00-3, 14166-21-3	12/19/2012
Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	12/19/2012
Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	12/19/2012
Lead dinitrate	233-245-9	10099-74-8	12/19/2012
Silicic acid, lead salt	234-363-3	11120-22-2	12/19/2012
4-Aminoazobenzene	200-453-6	1960-09-03	12/19/2012
Lead titanium zirconium oxide	235-727-4	12626-81-2	12/19/2012
Lead monoxide (lead oxide)	215-267-0	1317-36-8	12/19/2012
o-Toluidine	202-429-0	95-53-4	12/19/2012
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	12/19/2012
Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped <i>[with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]</i>	272-271-5	68784-75-8	12/19/2012
Trilead bis(carbonate)dihydroxide	215-290-6	1319-46-6	12/19/2012
Furan	203-727-3	110-00-9	12/19/2012
N,N-dimethylformamide	200-679-5	1968-12-02	12/19/2012
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated <i>[covering well-defined substances and UVCB substances, polymers and homologues]</i>			12/19/2012
4-Nonylphenol, branched and linear <i>[substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]</i>			12/19/2012
4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	12/19/2012
Diethyl sulphate	200-589-6	64-67-5	12/19/2012

WIZnet Co., Ltd

4F Humax Village, 11-4 Sunae-Dong, Bundang-Gu Seongnam-Si, Gyeonggi-Do 463-825 Korea
 Tel. +82-31-8023-5678 Fax. +82-31-8022-8090 www.wiznet.co.kr

Dimethyl sulphate	201-058-1	77-78-1	12/19/2012
Lead oxide sulfate	234-853-7	12036-76-9	12/19/2012
Lead titanium trioxide	235-038-9	12060-00-3	12/19/2012
Acetic acid, lead salt, basic	257-175-3	51404-69-4	12/19/2012
[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	12/19/2012
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9	1163-19-5	12/19/2012
N-methylacetamide	201-182-6	79-16-3	12/19/2012
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	12/19/2012
1,2-Diethoxyethane	211-076-1	629-14-1	12/19/2012
Tetralead trioxide sulphate	235-380-9	12202-17-4	12/19/2012
N-pentyl-isopentylphthalate		776297-69-9	12/19/2012
Dioxobis(stearato)trilead	235-702-8	12578-12-0	12/19/2012
Tetraethyllead	201-075-4	78-00-2	12/19/2012
Pentalead tetraoxide sulphate	235-067-7	12065-90-6	12/19/2012
Pentacosafuorotridecanoic acid	276-745-2	72629-94-8	12/19/2012
Tricosafuorododecanoic acid	206-203-2	307-55-1	12/19/2012
Heptacosafuorotetradecanoic acid	206-803-4	376-06-7	12/19/2012
1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	12/19/2012
Methoxyacetic acid	210-894-6	625-45-6	12/19/2012
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	12/19/2012
Methyloxirane (Propylene oxide)	200-879-2	75-56-9	12/19/2012
Trilead dioxide phosphonate	235-252-2	12141-20-7	12/19/2012
o-aminoazotoluene	202-591-2	97-56-3	12/19/2012
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	12/19/2012
4,4'-oxydianiline and its salts	202-977-0	101-80-4	12/19/2012
Orange lead (lead tetroxide)	215-235-6	1314-41-6	12/19/2012
Biphenyl-4-ylamine	202-177-1	92-67-1	12/19/2012
Diisopentylphthalate	210-088-4	605-50-5	12/19/2012
Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	12/19/2012
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3	12/19/2012
Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	12/19/2012
Lead cyanamidate	244-073-9	20837-86-9	12/19/2012

WIZnet Co., Ltd

4F Humax Village, 11-4 Sunae-Dong, Bundang-Gu Seongnam-Si, Gyeonggi-Do 463-825 Korea
 Tel. +82-31-8023-5678 Fax. +82-31-8022-8090 www.wiznet.co.kr

α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [<i>with</i> $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	229-851-8	6786-83-0	6/18/2012
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	6/18/2012
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5- triazine-2,4,6-(1H,3H,5H)-trione (β -TGIC)	423-400-0	59653-74-6	6/18/2012
Diboron trioxide	215-125-8	1303-86-2	6/18/2012
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	6/18/2012
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [<i>with</i> $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	209-218-2	561-41-1	6/18/2012
Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	6/18/2012
Formamide	200-842-0	1975-12-07	6/18/2012
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1- ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [<i>with</i> $\geq 0.1\%$ of Michler's ketone (EC No. 202-027- 5) or Michler's base (EC No. 202-959-2)]	208-953-6	548-62-9	6/18/2012
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	6/18/2012
[4-[[4-anilino-1-naphthyl][4- (dimethylamino)phenyl]methylene]cyclohexa-2,5- dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [<i>with</i> $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959- 2)]	219-943-6	2580-56-5	6/18/2012
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6- trione (TGIC)	219-514-3	2451-62-9	6/18/2012
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	6/18/2012
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	12/19/2011
N,N-dimethylacetamide	204-826-4	127-19-5	12/19/2011
Phenolphthalein	201-004-7	1977-09-08	12/19/2011
Lead diazide, Lead azide	236-542-1	13424-46-9	12/19/2011
Lead dipicrate	229-335-2	6477-64-1	12/19/2011

WIZnet Co., Ltd

4F Humax Village, 11-4 Sunae-Dong, Bundang-Gu Seongnam-Si, Gyeonggi-Do 463-825 Korea
 Tel. +82-31-8023-5678 Fax. +82-31-8022-8090 www.wiznet.co.kr

1,2-dichloroethane	203-458-1	107-06-2	12/19/2011
Calcium arsenate	231-904-5	7778-44-1	12/19/2011
Dichromium tris(chromate)	246-356-2	24613-89-6	12/19/2011
2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	12/19/2011
Pentazinc chromate octahydroxide	256-418-0	49663-84-5	12/19/2011
Arsenic acid	231-901-9	7778-39-4	12/19/2011
Potassium hydroxyoctaoxidizincatedichromate	234-329-8	11103-86-9	12/19/2011
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	12/19/2011
Lead styphnate	239-290-0	15245-44-0	12/19/2011
Trilead diarsenate	222-979-5	3687-31-8	12/19/2011
Zirconia Aluminosilicate Refractory Ceramic Fibres			12/19/2011
<p><i>are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content less or equal to 18% by weight</i></p>			
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	12/19/2011
Aluminosilicate Refractory Ceramic Fibres			12/19/2011
<p><i>are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric</i></p>			

WIZnet Co., Ltd

4F Humax Village, 11-4 Sunae-Dong, Bundang-Gu Seongnam-Si, Gyeonggi-Do 463-825 Korea
 Tel. +82-31-8023-5678 Fax. +82-31-8022-8090 www.wiznet.co.kr

<i>mean diameter less two standard geometric errors of 6 or less micrometres (μm) c) alkaline oxide and alkali earth oxide ($\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$) content less or equal to 18% by weight</i>			
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	12/19/2011
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	12/19/2011
Cobalt dichloride	231-589-4	7646-79-9	2011/06/20 - 2008/10/28
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	6/20/2011
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	6/20/2011
Strontium chromate	232-142-6	6/2/7789	6/20/2011
1-Methyl-2-pyrrolidone	212-828-1	872-50-4	6/20/2011
1,2,3-Trichloropropane	202-486-1	96-18-4	6/20/2011
2-Ethoxyethyl acetate	203-839-2	111-15-9	6/20/2011
Hydrazine	206-114-9	302-01-2, 7803-57-8	6/20/2011
Cobalt(II) diacetate	200-755-8	71-48-7	12/15/2010
Cobalt(II) sulphate	233-334-2	10124-43-3	12/15/2010
2-Ethoxyethanol	203-804-1	110-80-5	12/15/2010
Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid.	231-801-5, 236-881-5	7738-94-5, 13530-68-2	12/15/2010
2-Methoxyethanol	203-713-7	109-86-4	12/15/2010
Chromium trioxide	215-607-8	1333-82-0	12/15/2010
Cobalt(II) carbonate	208-169-4	513-79-1	12/15/2010
Cobalt(II) dinitrate	233-402-1	10141-05-6	12/15/2010
Trichloroethylene	201-167-4	1979-01-06	6/18/2010
Potassium dichromate	231-906-6	7778-50-9	6/18/2010
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	6/18/2010
Ammonium dichromate	232-143-1	9/5/7789	6/18/2010
Boric acid	233-139-2, 234-343-4	10043-35-3, 11113-50-1	6/18/2010

WIZnet Co., Ltd

4F Humax Village, 11-4 Sunae-Dong, Bundang-Gu Seongnam-Si, Gyeonggi-Do 463-825 Korea
 Tel. +82-31-8023-5678 Fax. +82-31-8022-8090 www.wiznet.co.kr

Sodium chromate	231-889-5	11/3/7775	6/18/2010
Disodium tetraborate, anhydrous	215-540-4	1303-96-4, 1330-43-4, 12179-04-3	6/18/2010
Potassium chromate	232-140-5	7789-00-6	6/18/2010
Acrylamide	201-173-7	1979-06-01	3/30/2010
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	1/13/2010
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	1/13/2010
Anthracene oil	292-602-7	90640-80-5	1/13/2010
2,4-Dinitrotoluene	204-450-0	121-14-2	1/13/2010
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	1/13/2010
Anthracene oil, anthracene-low	292-604-8	90640-82-7	1/13/2010
Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	1/13/2010
Diisobutyl phthalate	201-553-2	84-69-5	1/13/2010
Lead chromate	231-846-0	7758-97-6	1/13/2010
Anthracene oil, anthracene paste	292-603-2	90640-81-6	1/13/2010
Pitch, coal tar, high temp.	266-028-2	65996-93-2	1/13/2010
Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	1/13/2010
Lead hydrogen arsenate	232-064-2	7784-40-9	10/28/2008
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	10/28/2008
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	10/28/2008
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2	10/28/2008
Diarsenic trioxide	215-481-4	1327-53-3	10/28/2008
Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9	10/28/2008
Triethyl arsenate	427-700-2	15606-95-8	10/28/2008
Diarsenic pentaoxide	215-116-9	1303-28-2	10/28/2008
Sodium dichromate	234-190-3	7789-12-0, 10588-01-9	10/28/2008
Dibutyl phthalate (DBP)	201-557-4	84-74-2	10/28/2008
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	10/28/2008
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	10/28/2008
Anthracene	204-371-1	120-12-7	10/28/2008

WIZnet Co., Ltd

4F Humax Village, 11-4 Sunae-Dong, Bundang-Gu Seongnam-Si, Gyeonggi-Do 463-825 Korea
Tel. +82-31-8023-5678 Fax. +82-31-8022-8090 www.wiznet.co.kr

Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	247-148-4 and 221-695-9	25637-99-4, 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	10/28/2008
---	-------------------------	---	------------

