PIHER

Reach Piher Declaration

The undersigned,

based on the information available to us from our raw material suppliers, and analysis made in external laboratories, I certify all part numbers we supply are compliant to REACH - this means our parts do not contain any of the 151 substance(s) listed as a Substance of Very High Concern (SVHC) outlined in Annex XIV of the REACH regulation (EC No. 1907/2006) updated as of 16 December 2013 and the proposed substances for inclusion in Annex of this document.

Piher family products :

N6, PT6, PS6, PT10, PX10, PTC10, PS10 ;PT15,PX15, PTC15, PS15,PC16, T16, T18, T21, N15,E15,A-15,S-15,Z15
PSC-MT01, PSC360 U, PSC360, MTS 360,
shafts & thumbwheels

Name: Luis Arellano
Status: Quality Manager
Issued on: 21-01-2014

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Substance Name	EC Number	CAS Number	Date of inclusion
Imidazolidine-2-thione; (2-imidazoline-2-thiol)	202-506-9	96-45-7	16/12/2013
Dihexyl phthalate	201-559-5	84-75-3	16/12/2013
Cadmium sulphide	215-147-8	1306-23-6	16/12/2013
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	16/12/2013
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	16/12/2013
Trixylyl phosphate	246-677-8	25155-23-1	16/12/2013
Lead di(acetate)	206-104-4	301-04-2	16/12/2013
Dipentyl phthalate (DPP)	205-017-9	131-18-0	20/06/2013
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	20/06/2013
Cadmium oxide	215-146-2	1306-19-0	20/06/2013
Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	20/06/2013
Cadmium	231-152-8	7440-43-9	20/06/2013
4-Nonylphenol, branched and linear, ethoxylated [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]	-	-	20/06/2013
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [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]	247-094-1, 243-072-0, 256-356-4, 260-566-1	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	19/12/2012
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3	19/12/2012
6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	19/12/2012
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	19/12/2012
Pentalead tetraoxide sulphate	235-067-7	12065-90-6	19/12/2012
Silicic acid, lead salt	234-363-3	11120-22-2	19/12/2012
4,4'-oxydianiline and its salts	202-977-0	101-80-4	19/12/2012
1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	19/12/2012
Furan	203-727-3	110-00-9	19/12/2012
Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	19/12/2012
Diethyl sulphate	200-589-6	64-67-5	19/12/2012
N-pentyl-isopentylphthalate	-	776297-69-9	19/12/2012
o-aminoazotoluene	202-591-2	97-56-3	19/12/2012
Lead cyanamidate	244-073-9	20837-86-9	19/12/2012
Tetralead trioxide sulphate	235-380-9	12202-17-4	19/12/2012
o-Toluidine	202-429-0	95-53-4	19/12/2012
Dioxobis(stearato)trilead	235-702-8	12578-12-0	19/12/2012
Silicic acid (H₂Si₂O₅), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for â€™toxicity for reproductionâ€™ 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]	272-271-5	68784-75-8	19/12/2012
4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	19/12/2012
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9	1163-19-5	19/12/2012
N,N-dimethylformamide	200-679-5	68-12-2	19/12/2012
4-Aminoazobenzene	200-453-6	60-09-3	19/12/2012
N-methylacetamide	201-182-6	79-16-3	19/12/2012
Heptacosafluorotetradecanoic acid	206-803-4	376-06-7	19/12/2012
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	19/12/2012
Pentacosafluorotridecanoic acid	276-745-2	72629-94-8	19/12/2012
Tetraethyllead	201-075-4	78-00-2	19/12/2012
Trilead dioxide phosphonate	235-252-2	12141-20-7	19/12/2012
Lead monoxide (lead oxide)	215-267-0	1317-36-8	19/12/2012
Acetic acid, lead salt, basic	257-175-3	51404-69-4	19/12/2012
Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	19/12/2012
Lead dinitrate	233-245-9	10099-74-8	19/12/2012
Methoxyacetic acid	210-894-6	625-45-6	19/12/2012
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	19/12/2012
Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	19/12/2012

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Lead titanium trioxide	235-038-9	12060-00-3	19/12/2012
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	19/12/2012
Methyloxirane (Propylene oxide)	200-879-2	75-56-9	19/12/2012
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [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]	201-604-9, 236-086-3, 238-009-9	85-42-7, 13149-00-3, 14166-21-3	19/12/2012
Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	19/12/2012
Dimethyl sulphate	201-058-1	77-78-1	19/12/2012
4-Nonylphenol, branched and linear [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]	-	-	19/12/2012
Biphenyl-4-ylamine	202-177-1	92-67-1	19/12/2012
1,2-Diethoxyethane	211-076-1	629-14-1	19/12/2012
Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	19/12/2012
[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	19/12/2012
Tricosafluorododecanoic acid	206-203-2	307-55-1	19/12/2012
Lead oxide sulfate	234-853-7	12036-76-9	19/12/2012
Diisopentylphthalate	210-088-4	605-50-5	19/12/2012
Orange lead (lead tetroxide)	215-235-6	1314-41-6	19/12/2012
Lead titanium zirconium oxide	235-727-4	12626-81-2	19/12/2012
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	19/12/2012
Henicosafluoroundecanoic acid	218-165-4	2058-94-8	19/12/2012
Trilead bis(carbonate)dihydroxide	215-290-6	1319-46-6	19/12/2012
Formamide	200-842-0	75-12-7	18/06/2012
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	18/06/2012
Î±,Î±-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with â‰¥ 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	18/06/2012
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (Î²-TGIC)	423-400-0	59653-74-6	18/06/2012
4,4'-bis(dimethylamino)benzophenone (Michlerâ€™s ketone)	202-027-5	90-94-8	18/06/2012
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9	18/06/2012
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michlerâ€™s base)	202-959-2	101-61-1	18/06/2012
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with â‰¥ 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	18/06/2012
[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with â‰¥ 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	18/06/2012
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	18/06/2012
4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with â‰¥ 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	18/06/2012
Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	18/06/2012
Diboron trioxide	215-125-8	1303-86-2	18/06/2012
Lead diazide, Lead azide	236-542-1	13424-46-9	19/12/2011
Calcium arsenate	231-904-5	7778-44-1	19/12/2011
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	19/12/2011
Arsenic acid	231-901-9	7778-39-4	19/12/2011
Lead dipicrate	229-335-2	6477-64-1	19/12/2011
Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9	19/12/2011
Phenolphthalein	201-004-7	77-09-8	19/12/2011
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	19/12/2011
Pentazinc chromate octahydroxide	256-418-0	49663-84-5	19/12/2011
Aluminosilicate Refractory Ceramic Fibres 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 mean diameter less two standard geometric errors of 6 or less micrometres (Âµm) c) alkaline oxide	-	-	19/12/2011

and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight			
Trilead diarsenate	222-979-5	3687-31-8	19/12/2011
Dichromium tris(chromate)	246-356-2	24613-89-6	19/12/2011
Zirconia Aluminosilicate Refractory Ceramic Fibres 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 (Âµm). c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-	19/12/2011
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	19/12/2011
1,2-dichloroethane	203-458-1	107-06-2	19/12/2011
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	19/12/2011
Lead styphnate	239-290-0	15245-44-0	19/12/2011
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	19/12/2011
2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	19/12/2011
N,N-dimethylacetamide	204-826-4	127-19-5	19/12/2011
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	20/06/2011
Strontium chromate	232-142-6	02/06/7789	20/06/2011
2-Ethoxyethyl acetate	203-839-2	111-15-9	20/06/2011
1,2,3-Trichloropropane	202-486-1	96-18-4	20/06/2011
Hydrazine	206-114-9	302-01-2, 7803-57-8	20/06/2011
1-Methyl-2-pyrrolidone	212-828-1	872-50-4	20/06/2011
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	20/06/2011
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	15/12/2010
2-Ethoxyethanol	203-804-1	110-80-5	15/12/2010
Cobalt(II) diacetate	200-755-8	71-48-7	15/12/2010
2-Methoxyethanol	203-713-7	109-86-4	15/12/2010
Chromium trioxide	215-607-8	1333-82-0	15/12/2010
Cobalt(II) sulphate	233-334-2	10124-43-3	15/12/2010
Cobalt(II) carbonate	208-169-4	513-79-1	15/12/2010
Cobalt(II) dinitrate	233-402-1	10141-05-6	15/12/2010
Potassium chromate	232-140-5	7789-00-6	18/06/2010
Ammonium dichromate	232-143-1	05/09/7789	18/06/2010
Disodium tetraborate, anhydrous	215-540-4	1303-96-4, 1330-43-4, 12179-04-3	18/06/2010
Sodium chromate	231-889-5	03/11/7775	18/06/2010
Potassium dichromate	231-906-6	7778-50-9	18/06/2010
Boric acid	233-139-2, 234-343-4	10043-35-3, 11113-50-1	18/06/2010
Trichloroethylene	201-167-4	79-01-6	18/06/2010
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	18/06/2010
Acrylamide	201-173-7	79-06-1	30/03/2010
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	13/01/2010
Anthracene oil, anthracene-low	292-604-8	90640-82-7	13/01/2010
Diisobutyl phthalate	201-553-2	84-69-5	13/01/2010
Anthracene oil, anthracene paste	292-603-2	90640-81-6	13/01/2010
Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	13/01/2010
Lead chromate	231-846-0	7758-97-6	13/01/2010
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	13/01/2010
Pitch, coal tar, high temp.	266-028-2	65996-93-2	13/01/2010
Anthracene oil, anthracene paste,distn. lights	295-278-5	91995-17-4	13/01/2010
Anthracene oil	292-602-7	90640-80-5	13/01/2010
2,4-Dinitrotoluene	204-450-0	121-14-2	13/01/2010
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	13/01/2010
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	28/10/2008
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	28/10/2008
Lead hydrogen arsenate	232-064-2	7784-40-9	28/10/2008

Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9	28/10/2008
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	28/10/2008
Sodium dichromate	234-190-3	7789-12-0, 10588-01-9	28/10/2008
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2	28/10/2008
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	28/10/2008
Diarsenic trioxide	215-481-4	1327-53-3	28/10/2008
Triethyl arsenate	427-700-2	15606-95-8	28/10/2008
Diarsenic pentaoxide	215-116-9	1303-28-2	28/10/2008
Anthracene	204-371-1	120-12-7	28/10/2008
Dibutyl phthalate (DBP)	201-557-4	84-74-2	28/10/2008
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)	28/10/2008