

Calvary Prohibited and Declarable Lists

Introduction

Little Company of Mary Health Care Limited (Calvary) supports the efforts of human rights organizations to end violence and atrocities in Central Africa (the Democratic Republic of Congo (DRC) and nine adjoining countries: Republic of Congo, Central Africa Republic, South Sudan, Zambia, Angola, Tanzania, Burundi, Rwanda and Uganda).

The [Calvary Business Partners Criteria](#) requires our suppliers to comply with Calvary Prohibited and Declarable Lists which includes certain use of conflict minerals. [The OECD Due Diligence Guidance for Responsible Mineral Supply Chains](#) provides detailed recommendations to help companies respect human rights and avoid contributing to conflict through their mineral purchasing decisions and practices. The OECD Guidance is for use by any company potentially sourcing minerals or metals from conflict-affected and high-risk areas. The OECD Guidance is global in scope, and applies to all mineral supply chains, including those of Calvary's business partners.

To facilitate compliance with the OECD conflict minerals Guidance, Calvary may conduct inquiries of its supply chain in an effort to determine the source of any conflict minerals from the DRC and the Covered Countries and to assist in the reporting of the results of its inquiries.

General requirements

In order to contribute to sustainable development and source responsibly from conflict-affected and high-risk areas, while creating the enabling conditions for constructive engagement with suppliers, Calvary requires its relevant suppliers to respond to information requests regarding the uses and sources of conflict minerals from the DRC and the Covered Countries in their products, including information about minerals that are recycled or scrapped.

In addition, Calvary expects the following of its suppliers:

- To assist in compliance with [The OECD Due Diligence Guidance for Responsible Mineral Supply Chains](#) relating to conflict minerals and to provide all necessary representations, declarations or certifications;
- To undertake reasonable due diligence within their supply chain to determine the source and chain of custody of their conflict minerals, including developing policies and systems to avoid the use of conflict minerals from the DRC and the Covered Countries; and
- To pass these requirements along to their suppliers through the supply chain and require them to do the same.

Calvary's relationships with its suppliers are evaluated on an ongoing basis to ensure continued compliance with this List. Calvary reserves the right to request additional documentation from its suppliers regarding the source of any conflict minerals included in its products, materials and components. Suppliers that do not comply with these requirements will be reviewed by Calvary's procurement managers for future business.

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What are Conflict Minerals?

Conflict minerals are minerals mined in conditions of armed conflict and human rights abuses, and which are sold or traded by armed groups. This has for some years been a particular problem in the DRC. The DRC's mineral wealth is enormous. It is estimated that the country contains between 65-80% of the world's columbite-tantalite (coltan) reserves, 49% of its cobalt reserves, and 3% of its copper reserves. Gold and diamond deposits remain under explored. Industrial Diamond reserves are estimated at 25% of world reserves.

Conflict minerals in the eastern DRC are generally defined (including in US legislation and the OECD due diligence guidance for responsible mineral supply chains) as cassiterite (tin), coltan (tantalum), wolframite (tungsten) and gold, or derivatives of these minerals. Sometimes these minerals are referred to as the 'three Ts' - tin, tantalum and tungsten (and gold).

Mineral	Description	Major Use
Cassiterite	Ore from which tin is extracted	Plating and solders for joining pipes and electronic circuits
Columbite-tantalite	Ore from which tantalum is extracted	Electrical components (including those used in mobile phones, computers, videogame consoles), aircraft and surgical components
Gold	Rare metal found in a native (pure) form and obtained as a by-product of other mining operations	Jewellery, electronic, communications and aerospace equipment
Wolframite	Ore from which tungsten is extracted	Metal wires, electrodes and contacts in lighting, electronic, electrical, heating and welding applications

Our Commitment

- Support the objectives of the OECD concerning conflict minerals sourcing.
- Calvary will not knowingly procure products containing conflict minerals that originate from facilities in the Covered Countries that are not certified as "DRC Conflict Free".
- Calvary will take reasonable steps to ensure compliance with this Policy Statement and applicable guidance, rules and regulations related to Conflict Minerals, and we will ask our suppliers to undertake reasonable due diligence with their supply chains to assure that any Conflict Minerals in products supplied to Calvary either did not originate in the Covered Countries or are "DRC Conflict Free".

Supplier Code of Conduct with Regard to Conflict Minerals

Calvary has the following expectations of its suppliers:

- Suppliers should not include any conflict minerals in any products sold to Calvary, unless such minerals either did not originate in Covered Countries or are DRC Conflict Free.

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Substances Included in Declarable List

Name (substance, family or group)	CAS No. ¹	Example of known uses	Exempted uses/exemptions	Reason for inclusion (legal reference)
Acrylamide	79-06-1	Fillers		Reach Candidate list
4-Aminoazobenzene	60-09-3	Dye		Reach Candidate list
o-Aminoazotoluene	97-56-3	Dye, ink		Reach Candidate list
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	Inks, dyes, paints, and pigments		Reach Candidate list
Arsenic and arsenic compounds, all	several	Paints, smelted materials, biocides (including wood treatment), glasses, metal finishes, electronics	Prohibited for use in treatment of industrial waters and use of wood treated by arsenic containing mixtures. All other uses Declarable	Reach Annex XVII Reach Candidate list (individual substances marked in extended list) Reach Authorization list (individual substances marked in extended list)
Benzotriazoles, selected 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3846-71-7 25973-55-1 36437-37-3 3864-99-1	UV-absorber in plastic, rubber and polyurethanes		Reach Candidate list
4-[4,4'-Bis(di-methylamino)benzhydryliden]cyklohexa-2,5-dien-1-yliden dimethylammoniumklorid (C.I. Basic Violet 3)	548-62-9	Dye, ink		Reach Candidate list
4,4'-Bis(dimethylamino) benzophenone	90-94-8	Intermediate in manufacturing of paint and coloring agent		Reach Candidate list
4,4'-Bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	Dye, ink		Reach Candidate list

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<input type="checkbox"/> Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1- methanol (C.I. Solvent Blue 4)	6786-83-0	Dye, ink and in wind screen fluid		Reach Candidate list
1,2-Bis(2-methoxy)ethane (TEGDME; triglyme)	112-49-2	Solvent		Reach Candidate list
Bis(2-methoxyethyl) ether (diglyme)	111-96-6	Solvent, Production of rubber and plastics, In sealed batteries		Reach Candidate list Reach Authorization list
Bisphenol A, BPA (4,4'-isopropylidenediphenol)	80-05-7	Manufacturer of polycarbonate (PC), hardener in epoxy resins		Reach Candidate list
Boron compounds, selected	several	Biocide in adhesives and cutting fluids, cleaning fluids, detergents etc., Flame retardants		Reach Candidate list
1-Bromopropane	106-94-5	Solvent for adhesives and degreasing products		Reach Candidate list
Coal tar products, Selected - Pitch, coal tar, high-temp., Pitch	65996-93-2	Steel construction, rubber, electrodes		Reach Candidate list
Cobalt and cobalt compounds, selected	several	Lubricants, catalyst, pigments, surface treatments, batteries		Reach Candidate list
4,4'-Diaminodiphenylmethane (MDA)	101-77-9	Production of polyurethane (PUR)		Reach Candidate list Reach Authorization list
Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	Blowing agent in rubber and plastics production		Reach Candidate list
1,2-Dichloroethane (EDC)	107-06-2	Degreasing agent, additive for fuels		Reach Candidate list Reach Authorization list
2,2'-Dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	Production of polyurethane		Reach Candidate list

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				Reach Authorization list
1,2-Diethoxyethane	629-14-1	Solvent		Reach Candidate list
Diethyl sulphate	64-67-5	Intermediate		Reach Candidate list
1,2-Dimethoxyethane (EGDME)	110-71-4	Electrolyte in lithium batteries		Reach Candidate list
N,N-Dimethylacetamide	127-19-5	Solvent in paint strippers and production of polyimide films		Reach Candidate list
N,N-Dimethylformamide	68-12-2	Solvent mainly in paint and varnish		Reach Candidate list
p- (1,1-dimethylpropyl)phenol	80-46-6	Manufacture of chemicals and plastic products		Reach Candidate list
Dimethyl sulphate	77-78-1	Intermediate		Reach Candidate list
2,4-Dinitrotoluene	25321-14-6, 121-14-2	Airbags, Explosives, polyurethane foam		Reach Candidate list Reach Authorization list
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	Pesticide (plant protection)		Reach Candidate list
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	Glue, sealants and electronics		Reach Candidate list
Diorganotin compounds, all	several	Plastics	Prohibited for use as biocide all other uses are Declarable	Reach Annex XVII Reach Candidate list
2-Ethoxyethanol	110-80-5	Solvent in paint		Reach Candidate list
2-Ethoxyethyl acetate	111-15-9	Solvent mainly in paint and varnish		Reach Candidate list
3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2			Reach Candidate list
Fluorinated greenhouse gases, selected - Hydrofluorocarbons (HFCs), all	several	Refrigerant	Substances with a GWP below 2500 are Declarable.	Kyoto Protocol

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			Substances with a global warming potential (GWP) above 2500 are Prohibited.	
Formaldehyde, oligomeric reaction product with aniline	25214-70-4	Polyurethanes, Thermoplastic resins, Coatings		Reach Candidate list Reach Authorization list
Formamide	75-12-7	Solvent, Plasticizer		Reach Candidate list
Furan	110-00-9	Solvent		Reach Candidate list
4-heptylphenol, branched and linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly Position 4 to phenol, covering also UVCB-and well-defined substances	-	Manufacture of polymers, lubricants		Reach Candidate list
Hydrazine	302-01-2, 7803-57-8	Corrosion inhibitor		Reach Candidate list
Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	Used in rubber manufacturing		Reach Candidate list
Karanal (5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1] and 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane)	Fragrance		Reach Candidate list
Medium chained chloro paraffines (MCCP)	85535-85-9	Metal cutting fluids		Suggested for inclusion in RoHS
Methoxy acetic acid	625-45-6	Plasticizer, Coloring agent, Auxiliary agent in the textile industry		Reach Candidate list
2-Methoxyaniline (o-anisidine)	90-04-0	Dye		Reach Candidate list
2-Methoxyethanol	109-86-4	Solvent for dyes, inks, stains, cleaning agents, Grease and paint removers, Antifreeze, Electrolyte, Electrodes, L-Mn battery, Starters,		Reach Candidate list

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		Sensors agents in polyester resins, PES-fibers, PES- and PU-enamels, Synthetic resins, Softening		
6-Methoxy-m-toluidine (p-cresidine)	120-71-8	Intermediate in production of dye and pigment		Reach Candidate list
N-Methylacetamide	79-16-3	Solvent		Reach Candidate list
4,4'-Methylenedi-o-toluidine	838-88-0	Intermediate for pigments, textiles		Reach Candidate list
Methyloxiran (propylene oxide)	75-56-9	Monomer in production of polymers,		Reach Candidate list
4-Methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	Intermediate for production of pigments and toluene diisocyanate		Reach Candidate list
N-Methyl-pyrrolidone	872-50-4	Solvent		Reach Candidate list
Musk xylene	81-15-2	Mainly used as scent in cleaning products and metal polish		Reach Candidate list Reach Authorization list
Nitrobenzene	98-95-3	Manufacture of aniline, a chemical used in the manufacture of polyurethane.		Reach Candidate list
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7	Lubricant, wetting agent, plasticizer and corrosion inhibitor		Reach Candidate list
4,4'-Oxydianiline and its salts	101-80-4	Intermediate		Reach Candidate list
PAHs (Polycyclic aromatic hydrocarbons), selected Anthracene Anthracene oil Anthracene oil, anthracene paste	120-12-7 90640-80-5	Manufacturing of anthracene and carbon black		Reach Candidate list

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Anthracene oil, anthracene-low Anthracene oil, anthracene paste, anthracene fraction Anthracene oil, anthracene paste, distn. lights	90640-81-6 90640-82-7 91995-15-2 91995-17-4			
Perfluorinated alkylcarboxylic acid (PFOA), selected	several	Impregnating agent in textiles, carpets, furniture, floor wax and paint	Must be declared if present in concentrations above 25 ppb	Reach Annex XVII Reach Candidate list
Name (p) Perfluorinated alkylcarboxylic acid (PFOA) and its salt	CAS No.2 335-67-1 several	Example of know uses Coatings (e.g. Teflon), surfactants, fire-fighting foams, textiles and papers	Prohibited to be present in any item in concentrations above 25 ppm of PFOA or PFOAS-salts, or 1000 ppb of any combination of PFOA-related substances from July 4 2020*	Reach Annex XVII
Perfluorohexane-1-sulphonic acid (PFHxS) and its salts	several	Lubricants, firefighting agents, surface treatment (corrosion inhibitor), plasticizer in plastic		Reach Candidate list
Perfluorononan-1-oic-acid and its sodium and ammonium salts (PFNA)	375-95-1 21049-39-8 4149-60-4	lubricating oil additive, fire extinguishers, cleaning agent, in liquid crystal display panels		Reach Candidate list
Phenolphthalein	77-09-8	Laboratory chemical		Reach Candidate list
Phthalates, selected Bis(2-methoxyethyl) phthalate Dipentyl phthalate (DPP) Diisopentylphthalate (DIPP) 1,2-benzenedicarboxylic acid, di-C7-11-branched and linear alkylesters 1,2-benzenedicarboxylic acid, dihexyl ester, branched and linear	117-82-8 131-18-0 605-50-5 68515-42-4	Plasticizer in rubber and plastic, paints		Reach Candidate list

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1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich N-Pentyl-isopentyl phthalate Dihexyl phthalate 1,2-benzenedicarboxylic acid, dipentylester, branched and linear 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)	68515-50-4 71888-89-6 776297-69-9 84-75-3 84777-06-0 68515-51-5, 68648-93-1			
Phthalic anhydrids, selected -Hexahydromethylphthalic anhydride -Cyclohexane-1,2-dicarboxylic anhydride	several	Manufacture of polyester, alkyd resins Plasticizers for thermoplastic polymers		Reach Candidate list
1,3-propanesultone	1120-71-4	Electrolyte fluid of lithium ion batteries		Reach Candidate list
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear	-			Reach Candidate list
Refractory ceramic fibres (RCF), selected Zirconia Aluminosilicate Refractory Ceramic Fibres Aluminosilicate Refractory Ceramic Fibres	- -	Fire protection, High-temperature insulation		Reach Candidate list
4-(1,1,3,3-Tetramethylbutyl)phenol	140-66-9	Adhesive, Coatings, Inc		Reach Candidate list
4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated	-	Paint, coating products		Reach Candidate list
N,N,N',N'-Tetramethyl-4,4'-methylenedianiline	101-61-1	Dye, Electric and electronic equipment, Pigment		Reach Candidate list
o-Toluidine	95-53-4	Intermediate for dyes		Reach Candidate list
Trichloroethylene (TCE)	79-01-6	Degreasing agent, Adhesives		Reach Candidate list Reach Authorization list
1,2,3-Trichloropropane	96-18-4	Synthesis chemical		Reach Candidate list

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Triglycidylisocyanurate (TGIC) - 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TGIC) - 1,3,5-tris-[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6- (1H,3H,5H)-trione (☐ TGIC)	2451-62-9 59653-74-6	Goods of metal like tools, plastic goods (softener), Curing agent, coating and laminating, printing ink, screen print		Reach Candidate list
Tris(2-chloroethyl) phosphate (TCEP)	115-96-8	Flame retardant in plastic and textile		Reach Candidate list Reach Authorization list
Trixylyl phosphate	25155-23-1	Can occur in lubricants and transmission medium		Reach Candidate list

* 4th July 2022 Equipment used to manufacture semiconductors and latex printing ink

* 4th July 2023 Protective clothing, membranes intended for filtration in water treatment, production processes and effluent treatment; plasma nano-coatings

¹ CAS is the abbreviation for Chemical Abstract Service registry number. This is an international numeric identifier which designates only one chemical substance

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Clarification of legal references scope

Use of substances in the **Calvary Prohibited and Declarable Lists** shall be limited. Regardless, if the scope of the legal reference is limited to a product type or a region, Calvary has decided that presence of any listed substance must be declared for all products delivered to Calvary unless clearly exempted in Calvary Prohibited and Declarable Lists. The duty to declare applies to any individual article assembled in any product.

Note that a substance can be included in many different international instruments, regulation and/or guidance.

The strictest requirement is then applied.

Phase-out list: contains substances that we want to highlight since they may soon be added to various international Prohibited lists. Information about when the substances will be added to **Prohibited lists**, in what regulation the substances are included, and in what products/materials the substance is known to be found in is given in this section. This list is short and meant as a priority list for substitution.

REACH3 (abbreviation for Restriction, Evaluation, Authorisation and restriction of Chemicals) is the name of EU's chemicals legislation. As chemicals are components in products and processes used in our industry, some parts of REACH applies to Calvary. By **REACH compliance** Calvary means that content above 0,1 % of any substance included in the Candidate list is declared and no substance is used in contradiction to the restrictions in Annex XVII.

REACH4 Candidate list is a list of substances identified to have long term negative effects on health and environment (e.g. carcinogenic, mutagenic or reprotoxic (CMR), endocrine disruptors or persistent, bioaccumulative and toxic for the environment (PBT and vPvB)). These substances are also known as Substances of Very High Concern and the list as SVHC-list. Information about content of any substance included in the Reach Candidate list of Substances of Very High Concern in concentrations above 0,1 % must be provided to Calvary. The information must be provided for all individual articles assembled in any product delivered to Calvary.

If any individual article contains substances included in the Candidate list Calvary must actively provide such information to our customers. This requirement is stated in Article 33 of REACH. New substances are added to the Candidate list twice annually with instant duty to inform customers.

All substances in the Candidate list are included in the **Declarable list** unless they are also regulated by more strict legislation. If regulated by more strict regulation the substance is included in the **Prohibited list**.

REACH Authorization list (REACH Annex XIV): Some of the substances in the Candidate list are also included in REACH Authorization list, meaning they cannot be used without a permit within EU. Calvary do not differentiate between substances in the Authorization list or the Candidate list – but note that substances included in Authorization list cannot be used within EU without a permit from the EU Commission.

Reach Annex XVII contains a list of substances (on its own, in mixtures or in an article) for which the manufacturing, placing on the market or use is limited or banned in European Union. The list contain substances that pose an unacceptable risk to human health or to the environment. To ensure compliance for Calvary's products, all relevant substances/entries in Reach Annex XVII are included in the **Calvary Prohibited and Declarable Lists**.

Kyoto Protocol (Greenhouse gases): is an international agreement to fight global warming by reducing greenhouse gas concentration in the atmosphere. Calvary follows EU's interpretation and prohibit any products to contain substances with a global warming potential (GWP) above 2500. Content of greenhouse gases identified to have a GWP below 2500 in concentrations above 0,1% should be declared.

RoHS4 (abbreviation of Restriction of Hazardous substances) is legislation banning use of hazardous substances in electric and electronic equipment to facilitate recycling. RoHS bans the use of lead, mercury, hexavalent chromium, cadmium, the brominated flame retardants PBDE and PBB and the plasticizers DEHP5, DIBP, BBP and DBP in electric and electronic equipment (EEE), including cables and spare parts. Many components and spare parts incorporated in

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or used with Calvary equipment are covered by this legislation when sold as individual parts. To ensure compliance with this regulation Calvary ban the use of these substances in concentrations above 0.1 % (0.01% for cadmium) in processes and any item delivered to the Group. For electric and electronic equipment (EEE), including cables and spare parts, the prohibition is valid for any homogenous material. For non-EEE the prohibition is valid for any individual article assembled in a product delivered to Calvary.

3REACH – Registration, Evaluation, Authorization and restriction of Chemicals (EC 1907/2006)

4RoHS –Restriction of Hazardous Substances in electric and electronic equipment (2011/65/EU).

5 The plasticisers di (2-ethylhexyl)phthalate (DEHP), buthylbenzylphthalate (BBP), dibuthylphthalate (DBP) and diisobuthylphthalate (DIBP) (0,1 %) are banned in EEE in the market after July 22, 2019.

Related Calvary Documents

- [Calvary Procurement and Process Policy](#)
- [Ethical Sourcing Policy](#)
- [Code of Business Practice](#)
- [Business Partners' Criteria](#)

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