

APPENDIX 4

Product Group Codes

- Notes:**
1. **Shaded Product Group Codes are not recommended for OCPF declarations.**
 2. **Typical chemicals included in each PGC description are for illustrative purposes only and do not represent a complete list of all chemicals within the group, nor should imply that specific chemicals are being declared**

Code	Description
	Chemicals and related products
511	Hydrocarbons and their halogenated, sulfonated, nitrated or nitrosated derivatives Typical chemicals include: aliphatic hydrocarbons as ethylene, propylene, butylene etc., cyclic hydrocarbons as benzene, toluene, xylene, ethylbenzene, cumene, ethylene dichloride, vinyl chloride, trichloroethylene, chlorododecane, tetrafluorethylene, nitrobenzene, di-nitrotoluene, hexafluoropropene
512	Alcohols, phenols, phenol-alcohols, and their halogenated, sulfonated, nitrated or nitrosated derivatives, except Methanol (see Code 519) Typical chemicals include: glycerol, ethanol, propanol, butanol etc., phenol, ethambutol hydrochloride
513	Carboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulfonated, nitrated or nitrosated derivatives Typical chemicals include: Isophthaloyl chloride, terephthaloyl chloride, methyl acetate, ethyl acetate, N-butyl acetate, malic acid, fumaric acid, maleic anhydride, phthalic anhydride, acetic anhydride, heptafluorobutyrol peroxide, dodecafluoroheptanoyl peroxide
514	Nitrogen-function compounds, except Urea (see Code 519) Typical chemicals include: octylated diphenylamine, nonylated diphenylamine, ethylenediamine, cyclohexylamine, aniline, 1,3-diaminocyclohexane, diphenylamine, azodicarbonamide, toluene di-isocyanate, organic cyanides, methylene difenyl isocyanate
515	Organo-inorganic compounds, heterocyclic compounds, nucleic acids and their salts, and sulfonamides Typical chemicals include: aromatic sulfonium salts, butyllithium, trimethyl borate, metal complexes of triphenyl phosphate
516	Other organic chemicals, except Formaldehyde & Methyl <i>tert</i> -butyl ether (MTBE) (see Code 519) Typical chemicals include: ethers, dialkyl peroxides, methylethylketone, furfural, dimethyl phosphate, sodium dimethyl dithiocarbamate, tetra alkyl thiuramdisulfide, trimethyl phosphate, ethyl <i>tert</i> -butyl ether (ETBE)
519	Methanol, urea, formaldehyde, methyl <i>tert</i> -butyl ether (MTBE), detergents produced by neutralisation of sulfonic acids and soap produced by saponification of a fatty acid (these chemicals were listed as codes 512A, 514A, 516A, 516B, 554A and 554B in the Declarations Handbook 2008).

522	Inorganic chemical elements, oxides and halogen salts
523	Metal salts and peroxysalts, of inorganic acids Typical chemicals include: sodium cyanide, ammonium cyanide, ammonium carbonate, ammonium bicarbonate, hexacarbonyliron
524	Other inorganic chemicals; organic and inorganic compounds of precious metals
525	Radioactive and associated materials
531	Synthetic organic colouring matter and colour lakes, and preparations based thereon Typical chemicals include: azo based dyes, naphthazarine based dyes (dibromonaphtharazin), triphenyl methane dyes (TPM), quinoline, anthraquinone, pyrene, sulfanilic acid, fluorescent brightening agents, luminophores
532	Dyeing and tanning extracts, and synthetic tanning materials
533	Pigments, paints, varnishes and related materials
541	Medicinal and pharmaceutical products, other than medicaments of Group 542 Typical chemicals include: cephalosporins, amino acid derivatives, synthetic glycosides, atracurium besilate, diketone, alkylidene nitrile, lactone, tinidazole, nimesulide, butoconazole, flutamide, famotidine, penicillin or derivatives, streptomycins or derivatives, other antibiotics, synthetic insulin, phenothiazine compounds
542	Medicaments (including veterinary medicaments)
551	Essential oils, perfume and flavour materials
553	Perfumery, cosmetic or toilet preparations (excluding soaps)
554	Soap, cleansing and polishing preparations, except Detergents produced by neutralisation of sulfonic acids & Soap produced by saponification of a fatty acid (see Code 519)
562	Synthetic Fertilizers
571	Polymers of ethylene, in primary forms
572	Polymers of styrene, in primary forms
573	Polymers of vinyl chloride or of other halogenated olefins in primary forms
574	Polyacetals, other polyethers and epoxide resins, in primary forms; Polycarbonates, alkyd resins, polyallyl esters and other polyesters
575	Other plastics, in primary forms
579	Waste, parings and scrap, of plastics
581	Tubes, pipes and hoses, and fittings therefor, of plastics
582	Plates, sheets, film, foil and strip, of plastics
583	Monofilament of which any cross-sectional dimension exceeds 1 mm, rods, sticks and profile shapes, whether or not surface-worked but not otherwise worked, of plastics

591	<p>Insecticides, rodenticides, fungicides, herbicides, anti-sprouting products and plant-growth regulators, disinfectants and similar products, put up in forms or packings for retail sale or as preparations or articles (e.g. sulfur-treated bands, wicks and candles, and fly papers)</p> <p>Typical chemicals include: cypermethrin, glyphosate and derivates, acephate, methamidophos, pyrethroid, dimethoate, malathion, triazoles, parathion, trifluralin, atrazine, diuron (DCMU), endosulfan, phenoxy family herbicides, propanil, sulfosulfuron, fipronil, parathion, methamidophos, acephate, chloramine-T, trifluralin, phoxim, zineb, tebuconazole, monocrotophos, diquat, paraquat, acifluorfen, lactofen, clomazone</p>
592	Starches, inulin and wheat gluten; albuminoidal substances; glues
593	Explosives and pyrotechnic products
597	<p>Prepared additives for mineral oils and the like; Prepared liquids for hydraulic transmission; Anti-freezing preparations and prepared de-icing fluids; Lubricating preparations</p> <p>Typical chemicals include: di-2-ethylhexyl carbonate, di-3,5,5-trimethylhexyl carbonate</p>
598	Miscellaneous chemical products
599	Others