

COMMODITY CLASSIFICATION
FOR FOREIGN TRADE STATISTICS

Edition 1954

Englische Übersetzung
des Warenverzeichnisses
für die Außenhandelsstatistik
Ausgabe 1954

PART II:

Chapters 25 - 40
Kapitel

S T A T I S T I S C H E S B U N D E S A M T
W i e s b a d e n - B i e b r i c h
August 1954

Preliminary notes

1. The draft of an English Translation of the Commodity Classification for Foreign Trade Statistics (Edition 1954) is herewith presented.
2. In case of doubt and ambiguity of the text only the original German version of the Classification for Foreign Trade Statistics is to be regarded as authentic in every case.
3. Users of this Classification are recommended to communicate to the Statistisches Bundesamt any suggestions for improvement of the translation.
4. Abbreviations:
n.e.s. - not elsewhere specified or included.

Vorbemerkungen

1. Hiermit wird der Entwurf einer englischen Übersetzung des Warenverzeichnisses für die Außenhandelsstatistik (Ausgabe 1954) vorgelegt.
2. In Zweifelsfällen und bei Unklarheiten des Textes ist in jedem Fall die ursprüngliche deutsche Fassung des Warenverzeichnisses für die Außenhandelsstatistik maßgebend.
3. Es wird gebeten, etwaige Vorschläge zur Verbesserung der Übersetzung an das Statistische Bundesamt zu richten.
4. Abkürzungen:
n.e.s. - not elsewhere specified or included.

Für den Herrn Bundesminister für Wirtschaft
gemäß Schreiben vom 3. April 1954 - I A 7 - 1040/54
bestimmt.

Nur für den Dienstgebrauch!

Section V

Mineral products

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Chapter 25

Salt; sulphur; earths and stone; plastering
materials, lime and cement

General note.

This chapter does not include:

- a) Purified, refined, precipitated and colloidal sulphur, artificial cryolite, pure boric acid and borates (Chapter 28);
- b) Earth colours on the base of natural iron oxides, containing seventy per cent or more by weight of iron oxide (Fe_2O_3) (Chapter 28) as well as iron ores (Chapter 26);
- c) Medicinal and pharmaceutical preparations (e.g. powder and dental cement and similar products) on the basis of mineral substances covered by the present chapter (Chapter 30);
- d) Natural calcium phosphate, ground, and other natural mineral products, specified in Chapter 31;
- e) Perfumery, cosmetics and toilet preparations (Chapter 33);
- f) Natural scouring powders, polishes and cleaners (Chapter 34);
- g) Artificial graphite, activated kieselguhr and activated clays (Chapter 38);
- h) Worked slates, including roofing slates (Chapter 68);
- i) Quartz, corundum and garnet of a kind suitable for use in jewellery, goldsmiths' and silversmiths' wares, clocks or watches (Chapter 71);
- k) Optically worked materials (Chapter 90);
- l) Writing chalk, drawing chalk, tailor's chalk, billiard chalk (Chapter 98).

Salt (rock salt, common salt, sea salt, table salt); pure sodium chloride, salt mother-lye; sea-water:

Table and industrial salt and pure sodium chloride:

Salt obtained from the evaporation of water:

2501 11	For human consumption	kg.
2501 19	For other uses	kg.
Rock salt:		
2501 21	For human consumption	kg.
2501 29	For other uses	kg.
Other salt, including pure sodium chloride:		
2501 81	For human consumption	kg.
2501 89	For other uses	kg.
2501 90	Salt mother-lye, sea-water and salt liquors	kg.

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2502 00 Unroasted iron pyrites kg.

2503 00 Crude (not purified) sulphur, whether or not ground or triturated kg.

Natural graphite, unworked, washed, ground or powdered:

2504 10 Crystallised graphite kg.

2504 50 Amorphous graphite kg.

Sand of all kinds, n.e.s.:

2505 10 Moulding sand kg.

2505 90 Other sand (e.g. builders' sand, blotting sand, vitreous sand and natural quartz-sand), excluding ground quartz (2506 51 to 2506 59) and monazite sand (2601 65) kg.

Quartz and quartzite:

Rock:

Quartz:

2506 11 Flint kg.

2506 15 Flint pebbles kg.

2506 19 Other quartz kg.

Quartzite:

2506 21 Boulders of quartzite kg.

2506 29 Other quartzites (e.g. rock quartzite) kg.

Ground or powdered:

2506 51 Flint granulations kg.

2506 59 Other ground or powdered quartz and quartzite kg.

Clay (e.g. kaolin, bentonite), including fireclay, n.e.s.; chamotte, dinas earths, and other refractory mortars as well as refractory pisé, patching and coating materials, n.e.s.:

Clay:

Kaolin (China clay):

2507 11 Unground and unwashed kg.

2507 15 Ground and washed kg.

White or nearly white clay, not activated:

2507 21 Bentonite kg.

2507 29 Other white or nearly white clay kg.

Fireclay:

Crude, with an alumina content:

2507 31 Of thirty-five per cent or less kg.

2507 35 Exceeding thirty-five per cent kg.

Calcined (chamotte), whether or not powdered, with an alumina content:

2507 41 Of thirty-five per cent or less kg.

2507 45 Exceeding thirty-five per cent kg.

2507 51 Ceramic clays kg.

2507 59 Other loam and clay (e.g. brick-clay) kg.

2507 90 Chamotte, silica and other refractory mortars as well as pisé, patching and coating materials kg.

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Chalk:

2508 01	Unground	kg.
2508 05	Ground or powdered, whether or not washed	kg.

Earth-colours, whether or not calcined or mixed together:

2509 10	Crude	kg.
	Ground or powdered, washed or calcined, whether or not containing added colouring matter derived from coal tar:	
2509 51	Ochres, including artificial iron oxides containing less than seventy per cent by weight Fe_2O_3 and Cassel earth	kg.
2509 59	Other earth-colours (e.g. Sienna earth)	kg.

2510 00	Unground natural calcium phosphates (tricalcium phosphates), including apatite and phosphated chalk	kg.
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Natural barium sulphate (baryte), natural barium carbonate (witherite):

	Heavy spar (natural barium sulphate, barytes):	
2511 11	Not ground	kg.
2511 15	Ground	kg.
2511 19	Powdered or washed	kg.
2511 50	Witherite (natural barium carbonate), crude, ground or powdered, whether or not washed or calcined (caustic baryta)	kg.

Kieselguhr (infusorial earths, silicious fossil meals, tripoli) and other similar silicious earths of an apparent density of 1 or less, n.e.s., crude, ground, powdered or calcined:

2512 10	Tripoli earths	kg.
2512 99	Other silicious earths	kg.

Pumice-stone, emery, natural corundum and other natural abrasives, n.e.s.:

	Pumice-stone:	
2513 11	Not ground	kg.
2513 15	Ground or powdered	kg.
	Emery and natural corundum:	
2513 51	Not ground	kg.
2513 55	Ground or powdered	kg.
	Other natural abrasives (e.g. garnet):	
2513 91	Not ground	kg.
2513 95	Ground or powdered	kg.

Slate:

2514 01	In blocks or in slabs, unworked or only squared or sawn	kg.
2514 05	Ground or powdered	kg.

Marble and polishable calcareous rocks, including travertine and ecaussine (so-called Belgian granite) of an apparent density of 2,5 or more, and alabaster:

2515 01	Calcareous Jura shale	kg.
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Marble and polishable calcareous rocks:		
2515 10	In unworked or only squared blocks	kg.
Sawn, of a thickness:		
2515 21	Exceeding sixteen centimetres	kg.
2515 23	Exceeding four but not exceeding sixteen centimetres	kg.
2515 25	Not exceeding four centimetres	kg.
2515 30	Granules, chippings or powder	kg.
2515 50	Alabaster, in unworked or squared blocks, granules or chippings, sawn or powdered	kg.

Granite, porphyry, basalt, sandstone and other monumental and building stones:

Granite, porphyry, syenite, lava, basalt, gneiss, trachyte and similar hard rocks:		
2516 11	In unworked or squared blocks or in powder form	kg.
2516 15	Sawn	kg.
2516 70	Sandstone	kg.
2516 90	Other monumental and building stones in unworked or only squared or sawn blocks or slabs or in powder form	kg.

Crushed or broken stone (e.g. macadam, chippings and grit), gravel and pebbles for road and street metalling, for railway, tramway or other ballast, and for concrete aggregates; crushed or broken stone, tarred, tarred chips and tarred grit (so-called tarred macadam):

2517 10	Crushed or broken stone, tarred, tarred chips or tarred grit	kg.
2517 90	Crushed or broken stones, pebbles and gravel	kg.

Dolomite:

2518 10	Natural crude, whether or not ground or powdered	kg.
2518 30	Fritted or calcined	kg.
2518 50	Refractory dolomite mortars as well as refractory prisé, patching and coating materials	kg.

Magnesium carbonate (magnesite), crude, whether or not powdered or calcined:

2519 10	Not calcined	kg.
Calcined:		
2519 31	Caustic magnesite	kg.
2519 33	Sintered magnesite	kg.
2519 35	Other calcined magnesite	kg.
2519 50	Refractory magnesite mortars and materials	kg.

Gypsum stones of all kinds, unworked, ground or powdered, not calcined; gypsum, whether or not coloured:

2520 10	Gypsum stones	kg.
Gypsum:		
2520 52	Builders' plaster (e.g. wall plaster, stucco plaster, plaster for composition floors)	kg.

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2520 55	Casting and moulding plaster, alabaster gypsum	kg.
2520 59	Dental gypsum	kg.
2520 70	Other gypsum, whether or not dead-burned	kg.

2521 00	Limestone (e.g. for the manufacture of lime or of cement), crushed, ground or powdered, but not calcined	kg.
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Calcined lime, whether or not powdered or washed, and hydraulic lime, excluding pure calcium oxide:

2522 10	Quicklime	kg.
2522 30	Slaked lime	kg.
2522 50	Hydraulic lime	kg.
2522 70	Lime-mortar	kg.

Cement, whether or not coloured:

2523 10	Cement clinker	kg.
2523 20	Portland cement	kg.
2523 30	Slagportland cement and blast furnace cement	kg.
2523 40	Sulphate resistant cement	kg.
2523 50	Aluminous cement	kg.
2523 90	Other cement (e.g. Aquadom, Trass- u. Zeolithcement, natural cement), including the coloured cements	kg.

Asbestos, rocks or fibres, waste of asbestos fibres and waste of asbestos products, whether or not washed or powdered:

2524 10	Asbestos, rocks or fibres	kg.
2524 90	Waste of asbestos fibres and asbestos products	kg.

Meerschäum and amber, natural crude, whether or not pulverized or agglomerated; jet, crude, whether or not powdered:

2525 10	Meerschäum	kg.
2525 30	Amber	kg.
2525 50	Jet	kg.

Mica, whether or not split in irregular slabs (splittings) or ground; mica waste:

2526 14	In irregular blocks or pieces, slabs or splittings (e.g. mica blocks, mica splittings, mica flakes)	kg.
2526 15	Powdered	kg.
2526 90	Mica waste	kg.

Note.

Sheets and films of mica of regular shape, intended for a definite purpose as well as micanite and mica folium are classified in items 6815 10 to 6815 90.

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Natural steatite unworked or in roughly squared or sawn blocks or slabs, whether or not powdered; talc, whether or not powdered:

2527 10	Steatite	kg.
2527 50	Talc, excluding perfumed talc (3306 90) and talc for medicinal use (3005 90)	kg.

2528 00	Natural cryolite and chryolite, whether or not powdered	kg.
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2529 00	Natural arsenic sulphides, powdered or not	kg.
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Crude natural borates and boric acid:

Borates:

2530 11	Natural sodium borate (natural rasorite and tincal)	kg.
2530 19	Other natural minerals of boron (e.g. colemanite, natural boracite, ulexite)	kg.
2530 50	Crude boric acid	kg.

Felspar and fluorspar, powdered or not:

Felspar:

2531 11	Crude	kg.
2531 15	Ground	kg.
2531 19	Powdered	kg.

Fluorspar:

2531 52	Crude, ground or not	kg.
2531 59	Powdered	kg.

Mineral substances, n.e.s., and broken goods specified in Chapter 69, in the crushed mass or powdered:

Sillimanites including cyanite:

2532 11	Crude	kg.
2532 15	Calcined	kg.
2532 20	Puzzolana, trass, santorin and similar earths of a kind commonly used for the preparation of hydraulic mortar	kg.
2532 30	Strontianite and celestine	kg.
2532 41	Silicious chalk	kg.
2532 45	Vermiculite	kg.
2532 80	Broken earthenware	kg.
2532 91	Lumps and fragments of magnesite and chamotte, chippings of brick and powdered brick	kg.
2532 93	Broken pottery, (chiefly consisting of felspar, quartz and kaolin) dry, powdered in the mass	kg.
2532 94	Natural magnesium sulphate	kg.
2532 95	Natural aluminium phosphates	kg.
2532 96	Mineral substances containing lithium (e.g. amblygonite)	kg.
2532 99	Other mineral substances (e.g. chlorite, alumite, icelandic spar, olivine, marl, marsh earths)	kg.

Only for exports

2533 00	Crude pumice (pumice sand, pumice gravel)	kg.
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V: Mineral products

Chapter 26

Ores, slags and ashes

General note.

This chapter does not include:

- a) Basic slag (Chapter 31);
- b) Goldsmiths' and silversmiths' dross (Chapter 71);
- c) Mattes (e.g. copper mattes [Chapter 74], nickel mattes [Chapter 75], cobalt mattes [Chapter 81]).

Ores, whether or not concentrated, including roasted pyrites:

Iron ores:

Roasted pyrites:

2601 10	Cupreous pyrites, containing at least 0,5 per cent of copper	kg.
2601 11	Other pyrites	kg.

Other iron ores (including manganese ores containing less than twenty per cent of manganese), with a content of iron of:

2601 17	Forty-two per cent or more	kg.
2601 18	Less than forty-two per cent	kg.
2601 21	Aluminium ores (e.g. bauxite, diaspore, hydrargillite) excluding kryolithe and chiolithe (2528 00)	kg.
2601 25	Lead ores (e.g. galena, anglesite, cerussite)	kg.
2601 31	Chromium ores (e.g. chromite, chrome iron ore)	kg.
2601 39	Copper ores (e.g. atacamite, cuprite, chalcocite, chalcoppyrite, azurite, malachite)	kg.

Manganese ores:

2601 40	Ferriferous manganese ores containing 20 % or more, but less than 30 % of manganese	kg.
2601 41	Natural pyrolusite	kg.
2601 42	Hausmannite	kg.
2601 43	Other manganese ores (e.g. braunite, manganite, polianite, psilomelane, wad)	kg.
2601 45	Nickel ores (e.g. garnierite, millerite, nickel arsenide ore)	kg.
2601 51	Tungsten ores (e.g. scheelite, wolframite, scheeliline)	kg.

Zinc ores:

2601 52	Zinc blende	kg.
2601 54	Other zinc ores (e.g. zinc spar, hemimorphite, zincite, willemite)	kg.

2601 55	Tin ores (e.g. stannite, tin pyrites, tin stone ore, [cassiterite])	kg.
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2601 61	Arsenic ores (e.g. arsenopyrite, arsenolamprite), excluding natural arsenic sulphides (2529 00)	kg.
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2601 63	Antimony ores (e.g. antimonite, antimony sulphide)	kg.
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2601 65	Ores of rare earths (e.g. blomstrandine, cerite, euxenite, fergusonite, keilhauite, monazite, samarskite)	kg.
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2601 67	Gold ores and concentrates	kg.
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2601 71	Cobalt ores (e.g. cobalt-glance, cobalt pyrites, glaukodate)	kg.
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2601 73	Molybdenum ores (e.g. molybdenum glance)	kg.
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2601 75	Ores of platinum and platinum group metals	kg.
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2601 77	Ores of silver (e.g. argentite, polybasite, silver glance, horn ores silver)	kg.
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2601 81	Tantalum ores (e.g. tantalite)	kg.
	Titanium ores:	
2601 82	Ilmenite	kg.
2601 84	Other titanium ores (e.g. rutile, perowskite, titanite)	kg.
2601 85	Uranium ores (e.g. pitchblende, carnotite)	kg.
2601 87	Vanadium ores (e.g. mottramite, patronite, roscoelite)	kg.
2601 91	Niobium ores	kg.
2601 99	Other ores	kg.

Slag, dross, scalings and other waste from the manufacture of iron and steel:

2602 10	Scalings and rollscale	kg.
2602 91	Alkaline furnace slags from metallurgical processes for the manufacture of fertilisers, n.e.s.	kg.
	Other waste from the manufacture of iron and steel:	
2602 92	For further preparation and use in the iron and steel industry	kg.
2602 99	For other uses	kg.

Metalliferous ashes and residues, not included in the items 2602 10 to 2602 99:

	Metalliferous ashes:	
2603 10	Aluminium ashes	kg.
2603 20	Lead ashes	kg.
2603 30	Copper ashes	kg.
2603 40	Zinc ashes	kg.
2603 50	Tin ashes	kg.
2603 71	Copper scalings and copper roll scale	kg.
2603 72	Flue dust containing cadmium	kg.
2603 73	Ashes containing wolfram, molybdenum and vanadium	kg.
2603 79	Other metalliferous ashes	kg.
	Metalliferous slags:	
2603 81	Tin slags	kg.
2603 82	Wolfram-, molybdenum-, tantalum-, titanium and vanadium slags	kg.
2603 89	Other metalliferous slags (e.g. lead and zinc slags)	kg.
	Other metalliferous residues:	
2603 91	Washing-refuse, containing tin, from dye-works	kg.
2603 92	Extracted gas purifying mass	kg.
2603 93	Ferrocyanide sludge	kg.
2603 94	Chromium-, wolfram-, molybdenum-, tantalum-, titanium and vanadium waste	kg.
2603 99	Other metalliferous residues (e.g. accumulator mud, galvanisation mattes, silver residues from photographic fixing baths)	kg.

Other slags and ashes, including kelp:

2604 10	Bone ash, not prepared (bone ash, powdered and opened-up: 3105 80)	kg.
2604 90	Other ashes and slags (e.g. wood-, peat- and coal ash, locomotive cinders, crude, kelp), whether or not granuled or powdered	kg.

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Chapter 27

Mineral fuels, mineral oils and products of their
distillation, bituminous substances; mineral waxes; elec-
tric current

General note.

This chapter does not include:

- a) Pure and commercially pure products, being chemically defined compounds (e.g. pure phenol and pure pyridine) (Chapter 29);
- b) Medicinal preparations (Chapter 30), perfumery, cosmetics and other toilet preparations (Chapter 33), disinfectant and similar preparations (Chapter 38);
- c) Asphalt lac (Chapter 32);
- d) Mineral liquid fuels for cigarette lighters and the like in packings of a capacity not exceeding three hundred cubic centimetres (Chapter 36).

Coal and briquettes of coal:

2701 10	Coal and anthracite, not briquetted (e.g. non-bituminous coal, semi-bituminous coal, bituminous coal; gas coal, gas-flame coal and flame coal; refuse coal, dust coal and sludge coal	t.
2701 50	Coal briquettes (e.g. agglomerated coal, agglomerated anthracite, locomotive briquettes and other coal briquettes of low ash content	t.

Lignite and briquettes of lignite:

2702 10	Not briquetted (e.g. crude lignite, lignite to the size of 150/120-80 mm and with a reduced ash content, lignite earth, pulverised lignite)	t.
2702 50	Briquetted (e.g. lignite briquettes, agglomerated lignite, wet-pressed briquettes)	t.

Peat:

Fuel peat:		
2703 11	In sods (peat cut by hand or machine)	t.
2703 15	Peat briquettes	t.
White peat:		
In sods:		
2703 52	Not cut	t.
2703 53	Cut	t.
2703 55	Fibrous peat	t.
2703 59	Crushed peat	kg.

Coke and semi-coke of coal, lignite or peat:

Of coal:		
2704 11	For the production of electrodes	kg.
2704 19	Other	t.
2704 50	Of lignite	t.
2704 80	Of peat	t.

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Gas carbon:

2705 10	Gas graphite and coke-oven-graphite	kg.
2705 30	Fibrous (plastic) carbon	kg.
2705 50	Electrode-masses	kg.
2705 70	Waste and breakage of Soederberg-electrodes and similar electrodes	kg.

2706 00	Coal gas, industrial gas and similar gases	cbm.
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Tar distilled from coal, from lignite, from peat or from shale and other mineral tars:

Coal tar:

2707 11	Crude	kg.
2707 14	Distilled	kg.
2707 90	Other tar (e.g. tar from lignite, from peat, from shale; dehydrated and gasogen tar)	kg.

Oil and products of the distillation of coal or of non-paraffinic mineral tars:

2708 10	Crude oils	kg.
	Benzol:	
2708 22	Crude	kg.
2708 24	Refined	kg.
2708 26	Toluol and xylol (isomeric compounds and mixtures thereof), including their mixtures and solvent naphtha	kg.
2708 31	Anthracene oil	kg.
2708 33	Creosote oil (impregnating oil)	kg.
2708 39	Naphthalene-oil and other heavy coal tar oils	kg.
2708 40	Crude naphthalene	kg.
2708 51	Crude anthracene	kg.
2708 59	Residues of anthracene	kg.
2708 60	Crude carboolic oils	kg.
2708 91	Pyridine bases	kg.
2708 99	Other crude products (e.g. quinoline- and acridine bases)	kg.

Coal tar pitch and pitch coke:

2709 10	Coal tar pitch	kg.
2709 50	Pitch coke	kg.

Petroleum, shale- and similar mineral oils:

Crude:

2710 11	Petroleum	kg.
2710 15	Shale-oil	kg.
2710 19	Other crude mineral oils	kg.

Light oils:

2710 21	Petroleum spirit, including natural spirit	kg.
2710 23	Motor spirit	kg.
2710 25	Aviation spirit	kg.
2710 27	White spirit	kg.
2710 29	Other light oils (e.g. petrol ethers, special spirit)	kg.

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Medium oils:		
2710 41	Kerosene	kg.
2710 46	Tractor fuel	kg.
2710 47	Turbine fuel	kg.
Heavy oils:		
2710 51	Gas oils	kg.
2710 55	Fuel oils	kg.
Lubricating oils:		
2710 61	Spindle oil	kg.
2710 62	Machine oil	kg.
2710 64	Cylinder oil	kg.
2710 66	Motor- and compressor oil	kg.
2710 67	Special lubricating oils (e.g. turbine-, refrigerator- and gear oil)	kg.
2710 68	Brightstock	kg.
2710 69	Other lubricating oils (e.g. isolation oils, technical white oils, electric transformer oils and oils, used for metal working)	kg.
2710 70	Paraffinum liquidum	kg.
2710 80	Topped petroleum	kg.
2710 90	Other heavy oils	kg.

Notes.

1. Mineral oils and products of the distillation of such oils are classified like petroleum or shale oil, if they possess the same characteristics as petroleum or shale oil (e.g. mineral oils obtained from paraffinic tars, by hydrogenation or by any other synthetic process).
2. Definitions:
 - a) Crude oils are all natural, liquid products, which have not received any other preparation than decanting, dehydration or stabilisation and to which no other natural gases have been added than such gases which are separated in the course of the operations by physical methods;
 - b) Light oils:

Petroleum spirits are petroleum products of which at least five per cent or more by volume, including losses, distils at a temperature of less than 70 degrees Centigrade and at least ninety per cent or more by volume, including losses, distils at a temperature of less than 210 degrees Centigrade under the A.S.T.M. standard method (Engler balloon).

White spirits are mixtures of hydrocarbons of which the flash point in a closed vessel exceeds 21 degrees Centigrade and of which not less than ninety per cent by volume, including losses, distils at a temperature of less than 210 degrees Centigrade under the A.S.T.M. standard method (Engler balloon).

The difference of temperature between the five per cent and ninety per cent distillation points, including losses, must not exceed 70 degrees Centigrade.

V: Mineral products

Other light oils are mixtures of hydrocarbons of which the flash point in a closed vessel does not exceed 30 degrees Centigrade and which do not conform to the specifications for petroleum spirit and white spirit;

- c) Medium oils (illuminating oils, tractor fuel) are mixtures of hydrocarbons which distil at a temperature of more than 135 degrees Centigrade and of which the flash point in a closed vessel exceeds 21 degrees Centigrade and less than ninety per cent by volume, including losses, distils at a temperature of less than 210 degrees Centigrade and more than sixty-five per cent by volume, including losses, at a temperature of less than 250 degrees Centigrade under the A.S.T.M. standard method. (Saybolt balloon);

- d) Heavy oils:

Gas oils are mixtures of hydrocarbons of which not more than sixty-five per cent by volume distils at a temperature not exceeding 250 degrees Centigrade and of which ninety per cent or more by volume distils at a temperature not exceeding 370 degrees Centigrade under the A.S.T.M. standard method (Saybolt balloon). If cracking occurs at a temperature of less than 370 degrees Centigrade at least eighty per cent or more by volume must distil at a temperature of less than 350 degrees Centigrade.

Fuel oils are dark-coloured mixtures of hydrocarbons of which the flash point in a closed vessel exceeds more than 55 degrees Centigrade and of which less than forty per cent by volume distils at a temperature of less than 250 degrees Centigrade under the A.S.T.M. standard method (Saybolt balloon). This applies also to hydrocarbon mixtures of this kind conforming to the specifications for lubricating oils.

Lubricating oils are mixtures of hydrocarbons of which less than ninety per cent by volume distils at a temperature of less than 370 degrees Centigrade under the A.S.T.M. standard method (Saybolt balloon) and which have an asphalt content of less than one per cent. If cracking occurs at a temperature of less than 370 degrees Centigrade, less than eighty per cent by volume must distil at a temperature of less than 350 degrees Centigrade.

Other heavy oils are mixtures of hydrocarbons having none of the characteristics prescribed for light oils, medium oils, gas oils, fuel oils or lubricating oils.

Petroleum gases:

2711 10	Propane	kg.& cbm.
2711 30	Butane	kg.& cbm.
2711 50	Propane-butane-mixtures	kg.& cbm.
2711 70	Natural gas	kg.& cbm.
2711 90	Other petroleum gases	kg.& cbm.

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Note.

Petroleum gases are commercial butane, propane and other gaseous hydrocarbons, whether or not liquefied.

2712 00 Petroleum jelly

kg.

Note.

Petroleum jelly is an unctuous, paraffinic substance having a consistency similar to that of butter with a drip point Ubbelohde exceeding 35 degrees Centigrade.

Paraffin:

2713 10 Crude (uncoiled, not bleached)

kg.

Bleached (white):

2713 30 Solid paraffin

kg.

2713 50 Soft paraffin

kg.

Note.

Paraffin is a solid substance, white or yellowish in colour, semi-translucent, of a crystalline structure.

Petroleum and shale derivatives and residues, n.e.s.:

Slack wax of petroleum:

2714 12 For the production of fatty acids

kg.

2714 13 For other uses

kg.

2714 19 Amorphous paraffin from petroleum, shale-tar, lignite-tar or other paraffinic tars

kg.

2714 30 Bitumen (petroleum pitch)

kg.

2714 50 Petroleum coke

kg.

2714 90 Other petroleum and shale residues

kg.

Notes.

1. Derivatives and residues of the distillation of mineral oils possessing the same characteristics as petroleum and shale oils (e.g. products of the distillation of mineral oils obtained from paraffinic tars, by hydrogenation or by any other synthetic process) are classed with the derivatives and residues of the distillation of petroleum and shale oil.
2. Definitions:
 - a) Amorphous paraffin of petroleum or shale origin is an opaque, amorphous substance, having plastic properties;
 - b) Bitumen (petroleum pitch) is a residue of distillation of petroleum products, brown or black in colour, having a hard or soft consistency at a temperature of 15 degrees Centigrade and with a drip-point Ubbelohde exceeding 35 degrees Centigrade;

V: Mineral products

- c) Petroleum coke is a residue from the refining of petroleum products, solid, blackish in colour, of a porous structure and with a very low ash content;
d) Other petroleum and shale residues are products of the distillation of petroleum and shale, of such characteristics that they cannot be classified in any of the above categories.

Mineral wax (ozokerite):

2715 10	Crude, including mineral wax not liquefied	kg.
2715 90	Refined mineral wax	kg.

Montan wax:

2716 10	Crude montan wax	kg.
2716 90	Refined montan wax	kg.

Natural asphalt, asphaltic rocks and bituminous shale, whether or not ground:

2717 10	Asphaltites and asphalt containing twenty per cent or more by weight of bitumen (e.g. Trinidad-asphalt, Jew's pitch)	kg.
2717 91	Natural asphaltic rocks	kg.
2717 95	Bituminous shale	kg.

Bituminous mixtures, mastics of asphalt, cut backs, emulsions of asphalt, bitumen or tar, with or without added asbestos, sand or other materials:

2718 10	Asphalt mastics	kg.
2718 30	Cut-backs	kg.
	Emulsions:	
2718 51	Emulsion of bitumen	kg.
2718 55	Emulsion of tar	kg.
2718 59	Other emulsions	kg.
2718 90	Other	kg.

2719 00	Electric current	1000 kwh.
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2798 00	Lubricating oils and other lubricants as ships' stores of out-going German (only imports) and foreign (only exports) sea-going vessels and aircraft	kg.
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Only for exports

2750 00	Pitch coal	kg.
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Section VI

Products of the chemical and allied

industries

Chapter 28

Inorganic chemicals

General note.

Except where otherwise provided, this chapter does not include:

- a) Mineral products classified under Section V;
- b) Products which are both inorganic and organic (Chapter 29);
- c) Fertilizers specified in Chapter 31 (e.g. potassium chloride and ammonium sulphate);
- d) Cultured crystals, derived from the halides of alkaline metals, alkaline earth metals or magnesium oxide, not optically worked, weighing two and a half grammes or more each (Chapter 38);
- e) Precious metals classified under Section XIV and metals used in metallurgy classified under Section XV, including the chemically pure metals of this kind;
- f) Goods manufactured from products of a kind falling under this chapter (e.g. sulphurised and phosphorised wicks and manufactures of magnesia or of alumina etc.).

I. Chemical elements, n.e.s.

2801 00	Hydrogen	kg.and cu.m.
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Metalloids and non-metals:

2802 10	Jodine	kg.
2802 20	Sulphur, refined, purified or precipitated, whether or not in colloidal form	kg.
2802 30	Phosphorus, white and red	kg.
	Carbon:	
2802 41	Acetylene black	kg.
2802 49	Other carbon (e.g. lamp black)	kg.
2802 50	Chlorine, whether or not liquefied	kg.
2802 60	Bromine	kg.
2802 70	Oxygen	kg.and cu.m.
2802 80	Selenium	kg.

Rare gases (helium, neon, argon, krypton, xenon):

2803 10	Rare gases, not mixed	g.and l.
2803 50	Mixtures of rare gases	g.and l.

 VI: Products of the chemical and allied industries

Metals:

2804 10	Mercury	kg.
2804 31	Sodium	kg.
2804 33	Potassium	kg.
2804 35	Lithium	kg.
2804 39	Rubidium and caesium	kg.
2804 51	Barium	kg.
2804 55	Calcium	kg.
2804 59	Strontium	kg.
2804 70	Rare earth metals (e.g. cassiopeium, dysprosium, erbium, europium, gadolinium, holmium, lanthanum, neodymium, praseodymium, samarium, terbium, thulium, ytterbium), including cerium, yttrium and scandium	kg.

Other chemical elements, n.e.s. (e.g. tellurium, arsenic, silicon and boron):

Silicon:

2805 11	Containing more than one but less than four per cent of iron	kg.
2805 19	Containing one per cent of iron or less	kg.
2805 20	Tellurium	kg.
2805 91	Arsenic	kg.
2805 93	Hafnium	kg.
2805 95	Boron	kg.
2805 99	Other chemical elements (e.g. fluorine, nitrogen, neptunium, polonium, americium, curium)	kg.

II. Inorganic acids and anhydrides

2806 00	Hydrofluoric acid	kg.
2807 00	Hydrochloric acid (muriatic acid)	kg.and kg.-HCl.
2808 00	Sulphurous anhydride (sulphur dioxide)	kg.
2809 00	Sulphuric acid, including oleum	kg.and kg.-SO ₃
2810 00	Oxides of nitrogen (e.g. nitrous oxide)	kg.
2811 00	Nitric acid	kg.
2812 00	Sulphonitric acids (mixtures of sulphuric acid and nitric acid)	kg.
2813 00	Phosphoric anhydride and phosphoric acids	kg.and kg.-P ₂ O ₅
2814 00	Arsenious anhydride, arsenical anhydride and arsenical acids	kg.
2815 00	Carbon dioxide	kg.
2816 00	Silicic anhydride (pure silica, colloidal silica, silicagel)	kg.

 VI: Products of the chemical and allied industries

2817 00	Boric acid and boric anhydride	kg.
	Other inorganic acids and metalloid or non-metal oxygen compounds:	
2818 10	Selenic and telluric acid	kg.
2818 90	Other inorganic acids and non-metal oxygen compounds (e.g. bromic acid, hydrogen-bromide, iodic acid, nitrosylsulphuric acid, hydrogen selenide, silicon monoxide)	kg.

III. Halogen and sulphur compounds of non-metals

Chlorides and oxychlorides of non-metals and metalloids:

2819 10	Iodine chloride	kg.
2819 20	Sulphur chloride	kg.
2819 90	Other chlorides and oxychlorides of non-metals or of metalloids (e.g. arsenic chlorides, chloro-sulphonic acid, silicon tetrachloride, phosgene, phosphorus chloride, phosphorus oxychloride, selenium chloride, thionyl chloride)	kg.

2820 00	Other halogen compounds of non-metals or of metalloids	kg.
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Sulphides of non-metals or of metalloids:

2821 10	Carbon disulphide	kg.
2821 90	Other sulphides of non-metals or metalloids (e.g. boron trisulphide, sulphides of phosphorus and arsenic)	kg.

IV. Inorganic bases and oxides, n.e.s.

Ammonia:

2822 10	Ammonia, whether or not liquefied	kg.
2822 50	Ammonia, aqueous solution (ammonium hydroxide)	kg. and kg.-N.
2823 00	Hydrazine and hydroxylamine and their inorganic salts	kg.
2824 00	Sodium hydroxide (caustic soda, solid or in solution)	kg. and kg.-NaOH.
2825 00	Potassium hydroxide (caustic potash, solid or in solution)	kg. and kg.-KOH.
2826 00	Calcium oxide (pure lime) and calcium hydroxide	kg.
2827 00	Strontium oxide and strontium hydroxide	kg.
2828 00	Barium oxide and barium hydroxide	kg.
2829 00	Magnesium oxide (pure magnesia) and magnesium hydroxide	kg.
2830 00	Zinc oxide (zinc white)	kg.

VI: Products of the chemical and allied industries

2831 00 Cadmium oxide kg.

2832 00 Oxides of antimony kg.

Alumina:

2833 10 Aluminium oxide (anhydrous alumina) kg.

2833 30 Aluminium hydroxide (hydrated alumina) kg.

2833 50 Artificial corundum, excluding synthetic precious stones
(7103 10 to 7103 99) kg.

Chromium oxides and hydroxides:

2834 10 Chromic anhydride (chromic sesquioxide, chromic acid) kg.

2834 90 Chromium hydroxide and other oxides of chromium kg.

Manganese oxides:

2835 10 Manganese dioxide, pure (pyrolusite) kg.

2835 90 Other oxides of manganese (e.g. manganous oxide, manganese
heptoxide [anhydride of manganic acid]) kg.

Iron oxides and hydroxides:

2836 10 Containing seventy per cent or more by weight of iron
oxide (Fe_2O_3), (other: 2509 51) kg.

2836 50 Alkalised iron oxide as commonly used for gas purification kg.

2837 00 Nickel oxides kg.

2838 00 Cobalt oxides and hydroxide kg.

2839 00 Molybdenum trioxide (molybdic anhydride) kg.

2840 00 Tungsten trioxide (tungstic anhydride) kg.

2841 00 Vanadium pentoxide (vanadic anhydride) kg.

2842 00 Titanium oxide (titanic anhydride) kg.

2843 00 Uranium oxide kg.

2844 00 Tin oxides: stannous oxide and stannic oxide (stannic anhydride) kg.

2845 00 Copper oxides kg.

2846 00 Mercury oxides kg.

Lead oxides:

2847 10 Red and orange lead (minium, saturn red) kg.

2847 50 Litharge (lead oxide), lead dioxide and lead suboxide kg.

Other inorganic oxides and hydroxides, n.e.s.:

2848 10 Beryllium oxide kg.

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2848 90 Other inorganic oxides and hydroxides (e.g. indium oxides, lithium oxide and hydroxide, columbium oxides, rubidium hydroxide, rhenium oxides, thallium hydroxide) kg.

V. Metallic salts of inorganic acids, n.e.s.

Fluorides:

2849 10 Double aluminium-sodium fluoride (artificial cryolite) kg.

2849 90 Other fluorides (e.g. ammonium-, aluminium-, beryllium-, calcium-, chromium-, iron-, cobalt-, molybdenum-, manganese-, sodium-, potassium-, rheniumhexa-, uraniumhexa-, uranyl- and tin tetrafluoride) kg.

2850 00 Fluosilicates (e.g. sodium-, potassium- and barium fluosilicates) kg.

Chlorides:

2851 10 Ammonium chloride kg.

2851 20 Barium chloride kg.

2851 30 Calcium chloride kg.

2851 40 Magnesium chloride kg.

2851 50 Zinc chloride kg.

2851 60 Aluminium chloride kg.

2851 70 Strontium chloride kg.

2851 91 Cobalt chloride kg.

2851 93 Nickel chloride kg.

2851 99 Other chlorides (e.g. antimony-, lead-, chromium-, iron-, manganese-, tantalum-, uranium-, bismuth-, double tin-ammonium- and double zinc-ammonium-chloride), excluding sodium chloride (2501 89) and double calcium-ammonium-chloride (3102 60) kg.

Oxychlorides:

2852 10 Copper- and lead oxychlorides kg.

2852 90 Other oxychlorides (e.g. mercury-, rhenium-, vanadium-, bismuth- and tungsten oxychloride) kg.

2853 00 Hypochlorites kg.

2854 00 Chlorites kg.

Chlorates:

2855 10 Sodium chlorate kg.

2855 20 Potassium chlorate kg.

2855 90 Other chlorates (e.g. ammonium- and barium chlorate) kg.

Perchlorates:

2856 10 Potassium perchlorate kg.

VI: Products of the chemical and allied industries

2856 90 Other perchlorates (e.g. ammonium-, caesium-, iron-, sodium-, rubidium- and zinc perchlorate) kg.

Bromides:

2857 10 Potassium- and sodium bromide kg.

2857 50 Ammonium bromide, ferrous and ferric bromide kg.

2857 90 Other bromides (e.g. aluminium-, lithium-, mercury-, rhenium-, strontium-, thallium and zinc bromide) kg.

2858 00 Bromates kg.

Iodides:

2859 10 Potassium-, sodium- and ammonium iodide kg.

2859 90 Other iodides (e.g. aluminium-, lead-, iron-, double mercury-potassium-, thallium-, bismuth- and double bismuth-potassium iodide) kg.

2860 00 Iodates and periodates kg.

Sulphides, including hydrosulphide:

2861 11 Sodium sulphide kg.

2861 15 Potassium sulphide kg.

2861 30 Mercury sulphides kg.

2861 91 Cadmium sulphide kg.

2861 92 Zinc sulphide kg.

2861 99 Other sulphides, (e.g. antimony-, ammonium-, aluminium-, lead-, calcium-, iron-, copper-, manganese-, nickel-, molybdenum-, rhenium-, thallium-, bismuth- and tin sulphides), including hydrosulphides kg.

Hydrosulphites, including hydrosulphites stabilised with organic substances (e.g. formaldehyde or acetone):

2862 20 Sodium hydrosulphite and sodium sulphonylate kg.

2862 90 Other hydrosulphites (e.g. ammonium- and zinc hydrosulphite and sulphonylates) kg.

2863 00 Hyposulphites (e.g. sodium- and calcium hyposulphite) kg.

Sulphites:

2864 10 Aluminium sulphite kg.

2864 20 Potassium- and sodium sulphite kg.

2864 90 Other sulphites (e.g. calcium- and chromium sulphite, calcium bisulphite) kg.

Sulphates:

2865 10 Iron sulphates (ferrous and ferric sulphates) kg.

2865 20 Copper sulphate kg.

2865 31 Magnesium sulphate (Epsomsalt) kg.

 VI: Products of the chemical and allied industries

2865 35	Double magnesium- potassium sulphate containing fifty per cent or more of K_2SO_4 (other: 3104 40)	kg.
2865 40	Sodium sulphate and sodium bisulphate	kg.
2865 51	Aluminium sulphate	kg.
	Bariumsulphate precipitated (natural: 2511 11 to 2511 19):	
2865 56	For radiology	kg.
2865 59	For other use	kg.
	Potassium sulphate of more than ninety-six per cent purity (other: 3104 30):	
2865 62	For use as fertilizer	kg.
2865 63	For other use	kg.
2865 65	Zinc sulphate	kg.
2865 70	Chromium sulphate	kg.
2865 91	Cobalt sulphate	kg.
2865 93	Nickel sulphate	kg.
2865 99	Other sulphates (e.g. antimony-, lead-, double copper-ammonium-, manganese-, mercury-, strontium-, titanium and tin sulphate), excluding ammonium sulphate (3102 90)	kg.

Alums:

2866 11	Potash alum	kg.
2866 15	Ammonium and sodium alum	kg.
2866 50	Chromium alum	kg.
2866 90	Other alums (e.g. caesium-, rubidium-, thallium- and vanadium alum)	kg.

2867 00	Salts of selenium- or tellurium acids, simple or complex	kg.
2868 00	Nitrites	kg.

Nitrates:

2869 10	Potassium nitrate	kg.
2869 20	Ammonium nitrate containing more than thirty-three per cent by weight of nitrogen (other: 3102 30)	kg.
2869 30	Barium nitrate	kg.
2869 40	Sodium nitrate containing more than sixteen per cent by weight of nitrogen (other: 3102 11 - 3102 15)	kg.
2869 91	Cobalt nitrate	kg.
2869 93	Nickel nitrate	kg.
2869 99	Other nitrates (e.g. antimony-, lead-, copper-, mercury-, tin nitrate), excluding calcium and double calcium-magnesium nitrate (3102 20)	kg.

Hypophosphites and phosphites:

2870 10	Hypophosphites	kg.
2870 50	Phosphites	kg.

Phosphates:

2871 10	Ammonium phosphate containing less than eight mg. of arsenical anhydride per kg. (other: 3105 11)	kg.
2871 20	Sodium phosphates (orthophosphates, metaphosphates and pyrophosphates)	kg.

 VI. Products of the chemical and allied industries

2871 30	Calcium phosphates (mono-, bi- and tricalcium phosphate), precipitated, excluding natural calcium phosphates (2510 00) and disintegrated calcium phosphates (3105 50)	kg.
2871 40	Potassium phosphate (potassium mono-, bi- and triphosphate)	kg.
2871 90	Other phosphates, including polyphosphates (e.g. hexameta-phosphates, sodium tripolyphosphate, sodium hexametaphos-phate, aluminium-, antimony- and iron phosphate, hexaso-diumtetrapolyphosphate, magnesium pyrophosphate, sodium di-metaphosphate and sodium trimetaphosphate, tetrasodiumtri-polyphosphate), but excluding double potassium-ammonium phosphate (3105 19) and potassium nitrophosphate (3105 19)	kg.
2872 00	Arseniates	kg.
2873 00	Arsenites	kg.
Carbonates:		
2874 10	Ammonium carbonate	kg.
2874 20	Barium carbonate, excluding natural barium carbonate (2511 50)	kg.
2874 30	Lead carbonate and lead hydrocarbonate (white lead)	kg.
2874 40	Potassium carbonate	kg.
Sodium carbonate:		
2874 51	Neutral (soda crystals)	kg.
2874 53	Neutral (calcined soda)	kg.
2874 55	Acid (sodium bicarbonate)	kg.
2874 60	Calcium carbonate, excluding natural calcium carbonate (2508 01 to 2508 05)	kg.
2874 70	Magnesium carbonate, excluding natural magnesium carbonate (2519 10)	kg.
2874 80	Strontium carbonate, precipitated	kg.
2874 91	Cobalt carbonate	kg.
2874 93	Nickel carbonate	kg.
2874 99	Other carbonates (e.g. cadmium-, copper-, manganese-, bis-muth- and zinc carbonate)	kg.
Cyanides, simple and complex:		
2875 10	Cyanides, simple (e.g. calcium-, cadmium-, potassium-, copper-, sodium- and mercury cyanide, including mercury oxycyanide)	kg.
Ferrocyanides and ferricyanides:		
2875 31	Prussian blue (ferric ferrocyanide) and Turnbull blue (ferrous ferricyanide)	kg.
2875 39	Other ferro- and ferricyanides (e.g. potassium ferro- and ferricyanide, sodium ferro- and ferricyanide)	kg.
2875 50	Sulphocyanides (e.g. ammonium-, potassium-, copper- and mer-cury sulphocyanide)	kg.
2875 90	Other cyanides (e.g. double potassium-cobalt cyanide)	kg.
2876 00	Fulminates and cyanates (e.g. mercury-fulminate, sodium- and potassium cyanates)	kg.
Silicates:		
2877 10	Sodium and potassium silicate	kg.
2877 91	Lead silicate	kg.

 VI: Products of the chemical and allied industries

2877 99	Other silicates (e.g. aluminium-, calcium- and copper silicates)	kg.
	Borates:	
2878 10	Sodium borate	kg.
2878 90	Other borates	kg.
	Salts of metallic acids:	
2879 10	Aluminates (e.g. barium-, cobalt- and sodium aluminate)	kg.
	Antimoniates:	
2879 21	Sodium antimoniate (Naples yellow)	kg.
2879 29	Other antimoniates (e.g. potassium- and sodium antimoniate)	kg.
	Chromates:	
	Neutral:	
2879 32	Barium-, lead- and zinc chromate	kg.
2879 34	Other neutral chromates (e.g. potassium and sodium chromate)	kg.
2879 35	Acid chromates (bichromates), e.g. barium-, calcium-, potassium-, sodium and strontium bichromate	kg.
2879 40	Permanganates (e.g. calcium-, potassium-, sodium permanganate)	kg.
2879 50	Zincates (e.g. cobalt- and sodium zincate)	kg.
2879 90	Other salts of metallic acids (e.g. bismutates, ferrates, manganates, manganites, molybdates, niobates, plumbates, stannates, tantalates, titanates, vanadates, tungstates)	kg.
2880 00	Other salts of inorganic acids, n.e.s.	kg.

VI. Miscellaneous inorganic chemical products

	Colloidal precious metals:	
2881 10	Colloidal silver	g.
2881 90	Other colloidal precious metals (e.g. gold and platinum)	g.
	Salts and other compounds, inorganic and organic, of precious metals:	
2882 10	Of gold, platinum and of platinum group metals (e.g. gold chloride, chloro-auric acid, tetramine-aurinitrate, platinum chloride, palladiumaminochloride, iridium carbonate, potassium ruthenate)	g.
2882 30	Of silver (e.g. silver nitrate, silver fulminate, silver acetate, silver oxalate, silver albuminate)	g..
2882 50	Amalgams of precious metals (other amalgams: 2896 00)	g.
2883 00	Natural radio-active chemical elements and their radio-active isotopes and their compounds, organic and inorganic	mg.

VI: Products of the chemical and allied industries

Isotopes of chemical elements and their organic and inorganic compounds, n.e.s. (e.g. deuterium and heavy water):

2884 10	Artificial radioactive isotopes and their compounds	g.
2884 90	Other isotopes and their compounds	g.

2885 00	Salts and other organic and inorganic compounds of thorium and of rare earth metals, including yttrium and scandium compounds	kg.
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2886 00	Liquid air	kg.
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2887 00	Distilled and conductivity water	kg.
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Peroxides:

2888 10	Hydrogen peroxide	kg.
2888 20	Barium-, potassium- and sodium peroxide, including oxylithe	kg.
2888 90	Other peroxides (e.g. magnesium- and zinc peroxide)	kg.

Persels, n.e.s.:

2889 10	Sodium perborate	kg.
2889 90	Other persels (e.g. ammonium-, sodium- and potassium persulphate, sodium- and potassium percarbonate)	kg.

2890 00	Hydrides (e.g. calcium hydride)	kg.
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2891 00	Nitrides	kg.
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Phosphides:

2892 10	Ferro-phosphorus containing fifteen per cent or more by weight of phosphorus	kg.
2892 20	Copper and copper alloys containing more than eight per cent by weight of phosphorus	kg.
2892 90	Other phosphides (e.g. calcium- and iron phosphides)	kg.

Note.

Ferro-phosphorus containing less than fifteen per cent by weight of phosphorus is classified under item 7301 15; copper and copper alloys containing eight per cent and less by weight of phosphorus fall under item 7403 00.

Carbides:

2893 10	Calcium carbide	kg.
2893 20	Silicon carbide	kg.
2893 30	Boron carbide	kg.
2893 90	Other carbides (e.g. aluminium-, iron-, molybdenum-, columbium-, tantalum-, titanium-, vanadium-, tungsten- and zirconium carbide)	kg.

VI: Products of the chemical and allied industries

Silicides:

2894 10	Calcium silicide	kg.
2894 90	Other silicides	kg.
2895 00	Borides (e.g. calcium boride and aluminium boride)	kg.
2896 00	Amalgams, excluding amalgams of precious metals	kg.
2897 00	Other inorganic products and compounds, n.e.s.	kg.

VI: Products of the chemical and allied industries

Chapter 29

Organic chemicals

General note.

1. Except where otherwise provided, this chapter includes only pure or commercially pure chemically defined organic compounds.
2. Excluded from this chapter are:
 - a) Mixed industrial compounds or goods such as mixtures of perfumes, diluents for lacquers and varnishes, prepared explosives (e.g. trinitrotoluene with a desensitizer);
 - b) Products falling under other chapters by reason of their nature or their packing (e.g. dyestuffs, artificial plastics, medicines, detergents, wetting-out agents, emulsifiers, soaps and siccatives);
 - c) The aromatic hydrocarbons benzene, toluene, xylene and its isomeres (Chapter 27);
 - d) Ethylalcohol (Chapter 22);
 - e) Sucrose, chemically or commercially pure, and other commercial sugars (Chapter 17).
3. Except where otherwise provided, the esters are classified with the corresponding acids (e.g. with the acids of items 2903 10 to 2903 90, 2904 10 to 2904 70, 2911 10 to 2911 90 and 2922 11 to 2922 90). The esters of amino-alcohols and amino-phenols (e.g. stovaine, pantocaine and novocaine) fall as well as the esters of amino-acids, also with non-aminoalcohols (e.g. anesthesin and propaesin) under items 2937 11 to 2937 99. The esters of hydrogen sulphide fall under items 2951 01 to 2951 09, the esters of halogen hydracids under items 2902 11 to 2902 90.
4. The salts of organic bases are classified with the corresponding bases.

I. Hydrocarbons; halogenated, sulphonated, nitrated
and mixed derivatives of hydrocarbons, their salts
and their esters

Hydrocarbons:

2901 10 Saturated acyclic hydrocarbons (e.g. methane, propane, butane, pentane, isopentane, methylpentanes, octane and isooctanes) and unsaturated acyclic hydrocarbons (e.g. ethylene, acetylene - including dissolved acetylene-, pentadiene, butylene, methyl-acetylene, methylbutadiene, propylene, isoprene and vinylacetylene), excluding commercial propane and butane as well as other gaseous hydrocarbons distilled from petroleum (2711 10 to 2711 90)

kg.

 VI: Products of the chemical and allied industries

2901 30	Saturated and partially unsaturated hydroaromatic hydrocarbons (e.g. deca-hydronaphthalene and tetra-hydronaphthalene)	kg.
2901 50	Cycloterpenes (e.g. pinene, camphene, dipentene, lemonene, nopinene)	kg.
	Aromatic hydrocarbons:	
2901 71	Naphthalene	kg.
2901 75	Anthracene	kg.
2901 79	Other aromatic hydrocarbons (e.g. ethylbenzene, acenaphthene, diphenyl, diphenylmethane, fluorene, fluoranthene, methylanthracene, para-cymene, pyrene, phenanthrene and styrene)	kg.

Halogen derivatives of hydrocarbons:

	Trichloromethane (chloroform):	
2902 11	For pharmaceutical purposes	kg.
2902 19	For other purposes	kg.
2902 20	Tribromomethane (bromoform) and tri-iodomethane (iodoform)	kg.
2902 30	Chloromethane (methylchloride) and dichloromethane (methylene chloride)	kg.
2902 40	Chloroethane (ethyl chloride) and dichloroethanes (ethylene chloride and ethylidene chloride)	kg.
2902 50	Trichloroethylene and perchloroethylene	kg.
2902 60	Carbon tetrachloride, tetrachloroethane and perchloroethane (hexachloroethane)	kg.
2902 70	Hexachlorocyclohexane	kg.
2902 80	Monomeric vinyl and vinylidene chloride	kg.
2902 90	Other halogen derivatives of hydrocarbons (e.g. allyl chloride, bromoethane, benzyl chloride, bromostyrene, bornyl chloride, chlorofluoromethane, chlorodiphenyl, dichlorophenyltrichloroethane, glyceryl chloride, methylene bromide, methylchloroform, propylene chloride, tetramethylene bromide, tribromohydrin, xylylchlorides, xylylene bromide)	kg.

Sulphonated and nitrated derivatives of hydrocarbons:

2903 10	Sulphonated derivatives of hydrocarbons (e.g. methyl sulphide, ethyl sulphide, diethyl sulphide)	kg.
2903 20	Nitrotoluenes (e.g. ortho-, meta- and paranitrotoluene, di- and trinitrotoluenes)	kg.
2903 30	Nitrobenzenes (e.g. mono- and dinitrobenzenes)	kg.
2903 40	Trinitrobutylmetaxylene (xilen musk) and dinitrobutylpara-oymene (cymene musk)	kg.
2903 90	Other nitrated derivatives of hydrocarbons (e.g. nitromethanes, nitroethylenes, nitroxyls, mono- and dinitronaphthalenes)	kg.

Mixed derivatives of hydrocarbons, (sulphohalogenated, nitrohalogenated, nitrosulphonated and nitrosulphohalogenated derivatives):

2904 10	Sulphohalogenated derivatives of hydrocarbons (e.g. sulphohalides of benzene, toluene and xylene)	kg.
2904 30	Nitrohalogenated derivatives of hydrocarbons (e.g. chloronitrobenzenes and bromonitrobenzenes, chloronitrotoluenes)	kg.

 VI: Products of the chemical and allied industries

2904 50	Nitrosulphonated derivatives of hydrocarbons (e.g. dinitro-stilbenesulphonic acids, nitronaphthalenesulphonic acids, nitrobenzene- and nitrotoluene-sulphonic acids)	kg.
2904 70	Nitrosulphohalogenated derivatives of hydrocarbons (e.g. sulphonated derivatives of nitrochlorobenzene)	kg.

II. Alcohols and their halogenated, sulphonated
and nitrated derivatives

Acyclic alcohols and their halogenated, sulphonated and nitrated derivatives:

Monovalent saturated alcohols:

Methyl alcohol (methanol):

2905 11	Crude	kg.
2905 15	Purified	kg.
2905 20	Propyl- and butyl alcohols	kg.
2905 30	Other monovalent saturated alcohols (e.g. amyl alcohols, hexanols, heptanols, octanols, lauric-, cetyl- and stearyl alcohol), including derivatives of ethyl alcohol	kg.

Monovalent unsaturated alcohols:

2905 41	Geraniol, linalool, rhodinol, nerol, vetiverol and citronellol	kg.
2905 49	Other monovalent unsaturated alcohols (e.g. allyl-, ethyl-, propylallyl-, oleyl-, propargyl alcohol)	kg.

Bivalent alcohols:

2905 51	Ethylene glycol	kg.
2905 59	Other bivalent alcohols (e.g. propylene glycol, butylene glycol, amylene- and hexylene glycol)	kg.

Trivalent alcohols and alcohols of higher valence:

2905 81	Glycerine, chemically or commercially pure, excluding raw glycerine (1511 10)	kg.
2905 89	Other trivalent alcohols and alcohols of higher valence (e.g. pentanetriol, hexanetriol, erithrite, arabite, pentaerithrite, xylite, adonite, mannite, dulcitol, sorbitol)	kg.

2905 90	Halogenated, sulphonated and nitrated derivatives of mono- and more valent acyclic alcohols (e.g. trichlorobutyl alcohol, nitroethyl alcohol)	kg.
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Saturated and partially unsaturated hydroaromatic alcohols and cycloterpenic alcohols and their halogenated, sulphonated and nitrated derivatives:

Saturated and partially unsaturated hydroaromatic alcohols and cycloterpenic alcohols:

2906 10	Cyclohexanol, methyl and dimethylcyclohexanol	kg.
	Sterols, n.e.s.:	
2906 21	Cholesterol	kg.
2906 29	Other sterols	kg.
2906 80	Other saturated and partially unsaturated hydroaromatic alcohols and cycloterpenic alcohols (e.g. borneol, carvomenthol, isoborneol, menthol, santalol, terpin, terpineol and terpin hydrate)	kg.
2906 90	Halogenated, sulphonated and nitrated derivatives of saturated and partially unsaturated hydroaromatic and cycloterpenic alcohols	kg.

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Aromatic alcohols and their halogenated, sulphonated and nitrated derivatives:

Aromatic alcohols:

2907 10	Benzyl-, phenylethyl-, phenylpropyl- and cinnamyl alcohol	kg.
2907 80	Other aromatic alcohols (e.g. benzohydrol, hydrol)	kg.
2907 90	Halogenated, sulphonated and nitrated derivatives of aromatic alcohols (e.g. benzyl sulphhydrate)	kg.

III. Phenols and their halogenated sulphonated and nitrated derivatives, their salts and esters

Monophenols and their salts:

2908 10	Phenol (carbolic acid)	kg.
2908 21	Cresols	kg.
2908 25	Xylenols	kg.
2908 30	Thymol and carvacrol	kg.
2908 40	Alpha- and beta naphthol	kg.
2908 90	Other monovalent as well as polynuclear phenols and salts of monovalent phenols (e.g. ethyl- and butyl phenols, cumenols, durenols, pentamethylphenol, potassium and sodium phenoxide)	kg.

Polyphenols and their salts:

2909 11	Resorcinol	kg.
2909 15	Hydroquinone	kg.
2909 90	Other polyphenols and salts of polyphenols (e.g. pyrocatechol, dimethylhydroquinone, hexylresorcinol, mesorcinol, orcinol, oxyhydroquinone, pyrogallol, phloroglucinol and xylorcinol)	kg.
2910 00	Phenol-alcohols and their salts (e.g. saligenin)	kg.

Halogenated, sulphonated, nitrated and mixed (e.g. sulphohalogenated) derivatives of phenols and their salts and esters:

2911 10	Nitrated derivatives of phenols and their salts and esters (e.g. mono- and dinitrophenols, trinitrophenol and dinitrocresols)	kg.
2911 90	Halogenated, sulphonated and mixed derivatives of phenols and their salts and esters (e.g. chlorophenols, para-chlorometacresol, chlorhydroquinone, phenol- and naphthol sulphonic acids)	kg.

IV. Ethers and epoxides, their halogenated, sulphonated and nitrated derivatives

Acyclic ethers and ether-alcohols, their halogenated, sulphonated and nitrated derivatives:

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	Acyclic ethers:	
2912 11	Diethyl ether (sulphuric ether)	kg.
2912 19	Other acyclic ethers (e.g. ethyl amyl-, ethyl cetyl-, ethyl butyl-, di-isopropyl-, dimethyl-, diheptyl-, ethyl methyl and ethyl vinyl ether)	kg.
	Ether-alcohols:	
2912 81	Diethyleneglycol	kg.
2912 89	Other ether-alcohols (e.g. ethyl ether of diethylene glycol, of methylglycol and of glycol, methyl ether of diethylene glycol and butyl ether of glycol)	kg.
2912 90	Halogenated, sulphonated and nitrated derivatives of acyclic ethers and ether-alcohols (e.g. dichlorodiethyl ether, chloromethyl ether, nitrated and sulphonated ethyl ether, perchloro-ether)	kg.
2913 00	Saturated and partially unsaturated hydro-aromatic ethers and cycloterpenic ethers, including their halogenated, sulphonated and nitrated derivatives (e.g. eucalyptol and cineol)	kg.
	Aromatic ethers and ether-alcohols, including their halogenated, sulphonated and nitrated derivatives:	
	Aromatic ethers:	
2914 11	Guaiacol (liquid or crystallised) and potassium guaiacol-sulphonate	kg.
2914 15	Anethole, anisole, safrole, eugenole, isosafrole and isoeugenole	kg.
2914 19	Other aromatic ethers (e.g. diphenyl-, ethyl-phenyl and phenyl-cresyl-ether, guethol, glyceryl guaiacol, glyceryl guethol)	kg.
2914 80	Aromatic ether-alcohols	kg.
2814 90	Halogenated, sulphonated and nitrated derivatives of aromatic ethers and of ether-alcohols (e.g. ambrette musk, nitroanisoles and nitrophenetoles)	kg.
2915 00	Epoxides (e.g. ethylene oxide and dioxan)	kg.

V. Aldehydes and their halogenated, sulphonated and nitrated derivatives, their salts and esters

Aldehydes:

	Saturated acyclic aldehydes:	
2916 11	Formaldehyde (methanal or formol) and paraformaldehyde	kg.
2916 15	Acetaldehyde, including metaldehyde and paraldehyde	kg.
2916 19	Other saturated acyclic aldehydes (e.g. butanal, propanal, enanthole)	kg.
	Unsaturated acyclic aldehydes:	
2916 51	Citral and citronellal	kg.
2916 59	Other unsaturated acyclic aldehydes (e.g. acrolein, crotonaldehyde and propargylaldehyde)	kg.
	Aromatic and hydroaromatic aldehydes and cycloterpenic aldehydes:	
2916 91	Benzaldehyde and cinnamaldehyde	kg.

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2916 99 Other aromatic and hydroaromatic aldehydes and cyclo-
 terpenic aldehydes (e.g. cumaldehyde, phthalaldehyde,
 alphaamylcinnamaldehyde, terephthaldehyde) kg.

2917 00 Acetals, n.e.s., (e.g. methylal, dimethylacetal and diethyl-
 acetal) kg.

Acyclic aldehyde-alcohols, cyclic aldehyde-ethers, aldehyde-
 phenols, aldehyde-ether-phenols and their halogenated, sulpho-
 nated and nitrated derivatives, their salts and esters:

2918 10 Aldol, oxycitronellal, vanillin, ethyl-vanillin and pi-
 peronal kg.

2918 90 Other (e.g. anisaldehyde, salicylaldehyde) kg.

Halogenated, sulphonated and nitrated derivatives of aldehydes,
 their salts and esters, n.e.s.:

2919 11 Chloral kg.

2919 15 Chloral hydrate kg.

2919 90 Other (e.g. nitro- and nitroso benzaldehyde) kg.

VI. Ketones, including quinones, their halogenated,
sulphonated and nitrated derivatives and
their salts and esters

Ketones, including quinones:

Ketones:

Acyclic mono- and poly-ketones, including acyclic ketone-
 alcohols and ketone-aldehydes:

Acetone:

2920 11 Crude kg.

2920 15 Purified kg.

2920 20 Methyl ethyl ketone kg.

2920 40 Other acyclic ketones, ketone-alcohols and ketone-aldehy-
 des (e.g. methyl isobutyl-ketone, mesityl oxide, phorones,
 pseudo-ionones and pseudo-methyl-ionones), including mix-
 tures of higher ketones kg.

Saturated and partially unsaturated hydroaromatic ketones
 and cycloterpenic ketones:

2920 51 Ionones and methylionones kg.

2920 53 Cyclohexanone and methylcyclohexanone kg.

2920 55 Camphor (natural and synthetic) kg.

2920 57 Fenchone, irone, jasmone and carvone kg.

2920 59 Other hydroaromatic ketones and cycloterpenic ketones
 (e.g. cyclopentanone, menthone), including ketone-alco-
 hols and ketone-aldehydes of saturated and partially
 unsaturated hydroaromatic hydrocarbons and of cycloter-
 penic hydrocarbons kg.

2920 70 Aromatic ketones (e.g. methyl-naphthyl ketone, benzylidene-
 acetone, acetophenone, benzophenone) kg.

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Quinones:

2920 91	Anthraquinone	kg.
2920 99	Other quinones (e.g. parabenzoquinone, acenaphthenquinone, benzanthrone, quinizarin, chrysazin, naphthaquinone)	kg.

Halogenated, sulphonated and nitrated ketone or quinone derivatives and their salts and esters:

2921 10	Musk ketone (dinitro-methyl-butylacetophenone)	kg.
2921 90	Other (e.g. bromocamphor, camphorsulphonic acids, isonitroso acetone, monochloracetone, perbromoacetone, tetrachloro-quinone)	kg.

VII. Acids, acid anhydrides, acid chlorides and
their halogenated, sulphonated and nitrated derivatives,
including their salts and esters, n.e.s.

Monoacids and their anhydrides and chlorides, including halogenated, sulphonated and nitrated derivatives, salts and esters of monoacids:

Saturated acyclic acids:

Formic acid, its salts and esters, its halogenated, sulphonated and nitrated derivatives:

2922 11	Formic acid	kg.
	Salts of formic acid:	
2922 12	Nickel formate	kg.
2922 14	Other salts of formic acid (e.g. aluminium and sodium formate)	kg.

Formic esters:

2922 15	Benzyl-, bornyl-, citronellyl-, geranyl-, isobornyl-, linalyl-, menthyl-, phenylethyl-, rhodanyl- and terpinyl formates	kg.
2922 18	Other formic esters	kg.

2922 19	Halogenated, sulphonated and nitrated derivatives of formic acid	kg.
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Acetic acid, its salts and esters, its halogenated, sulphonated and nitrated derivatives:

2922 20	Acetic anhydride	kg.
2922 21	Acetic acid	kg.

Salts of acetic acid:

2922 22	Cobalt acetate	kg.
2922 24	Other salts of acetic acid (e.g. aluminium-, lead-, calcium-, copper and sodium acetate)	kg.

Acetic esters:

2922 25	Anisyl-, benzyl-, bornyl-, cinnamyl-, citronellyl-, geranyl-, isobornyl-, linalyl-, paracresyl-, phenylethyl- and terpinyl acetate	kg.
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2922 28	Other acetic esters (e.g. ethyl-, amyl-, butyl-, ethylglycol-, butylglycol- and monomeric vinyl acetate	kg.
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2922 29	Halogenated, sulphonated and nitrated derivatives of acetic acid (e.g. chloroacetic and bromoacetic acid)	kg.
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	Palmitic and stearic acid, its salts and esters, its halogenated, sulphonated and nitrated derivatives:	
2922 31	Palmitic and stearic acid	kg.
2922 39	Salts, esters, halogenated, sulphonated and nitrated derivatives of palmitic and stearic acid	kg.
	Other monobasic saturated acyclic acids, their salts and esters, their halogenated, sulphonated and nitrated derivatives:	
2922 41	Butyric acid, caproic acid, caprylic acid, propionic acid, valeric acid and other monobasic saturated acyclic acids	kg.
2922 49	Salts, esters, halogenated, sulphonated and nitrated derivatives of acyclic acids from item 2922 41	kg.
	Unsaturated acyclic acids, their salts and esters and their halogenated, sulphonated and nitrated derivatives:	
2922 51	Acrylic-, angelic-, crotonic-, linoleic- and oleic acid and other unsaturated acyclic acids	kg.
2922 59	Salts, esters, halogenated, sulphonated and nitrated derivatives of unsaturated acyclic acids	kg.
	Aromatic monoacids:	
	Benzoic acid, its salts and esters, its halogenated, sulphonated and nitrated derivatives:	
2922 81	Benzoic acid	kg.
	Salts of benzoic acid:	
2922 83	Sodium benzoate	kg.
2922 84	Other salts of benzoic acid	kg.
2922 88	Esters of benzoic acid (e.g. benzyl-, citronellyl-, geranyl-, linalyl- and rhodinyll benzoate)	kg.
2922 89	Halogenated, sulphonated and nitrated derivatives of benzoic acid	kg.
2922 90	Other aromatic monoacids (e.g. cumic-, naphthoic-, xylic- and cinnamic acid) their salts and esters, their halogenated, sulphonated and nitrated derivatives	kg.
	Polyacids, their anhydrides and chlorides, their halogenated, sulphonated and nitrated derivatives and their salts and esters:	
	Acyclic polyacids:	
	Oxalic acid, its salts and esters, its halogenated, sulphonated and nitrated derivatives:	
2923 11	Oxalic acid	kg.
2923 19	Salts, esters, chlorides, halogenated, sulphonated and nitrated derivatives of oxalic acid	kg.
	Other acyclic polyacids, their salts and esters, their chlorides and hydrogenated, sulphonated and nitrated derivatives:	
2923 41	Malonic-, succinic-, glutaric-, pyrotartaric-, maleic-, fumaric- and other acyclic polyacids and their anhydrides	kg.
2923 49	Salts, esters, chlorides, halogenated, sulphonated and nitrated derivatives of polyacids classified under item 2923 41	kg.
	Aromatic polyacids:	
	Phthalic acid, its salts and esters, halogenated, sulphonated and nitrated derivatives:	
2923 51	Phthalic acid and phthalic anhydride	kg.
2923 53	Dibutyl- and dioctylphthalate	kg.
2923 58	Salts, other esters, halogenated, sulphonated and nitrated derivatives of phthalic acid	kg.

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2923 90	Other aromatic polyacids (e.g. terephthalic-, trimesic- and mellitic acid), their salts and esters, their anhydrides, halogenated, sulphonated and nitrated derivatives	kg.
Mono- and polyacids of saturated and partially unsaturated hydroaromatic hydrocarbons and of cycloterpenic hydrocarbons, their halogenated, sulphonated and nitrated derivatives, salts and esters:		
2924 10	Naphthenic and sulphonaphthenic acids	kg.
2924 50	Other acids of hydroaromatic hydrocarbons and of cycloterpenic hydrocarbons (e.g. abietic acid, colophonic acid, cyclopentenylacetic acid, guaiaconic acid and pinabietic acid)	kg.
2924 90	Salts and esters, halogenated, sulphonated and nitrated derivatives of mono- and polyacids of saturated and partially unsaturated hydroaromatic hydrocarbons and of cycloterpenic hydrocarbons	kg.
Acyclic alcohol-acids and their anhydrides and chlorides, their halogenated, sulphonated and nitrated derivatives, their salts and esters:		
Lactic acid, its anhydride, its chlorides, halogenated, sulphonated and nitrated derivatives, including its salts and esters:		
2925 11	Lactic acid	kg.
2925 15	Salts and esters of lactic acid	kg.
2925 19	Anhydride, chlorides, halogenated, sulphonated and nitrated derivatives of lactic acid	kg.
Tartaric acid, its anhydride, its chlorides, halogenated, sulphonated and nitrated derivatives, its salts and esters:		
2925 31	Tartaric acid	kg.
2925 35	Salts and esters of tartaric acid, excluding raw tartar (2305 50)	kg.
2925 39	Anhydride, chlorides, halogenated, sulphonated and nitrated derivatives of tartaric acid	kg.
Citric acid, its anhydride, its chlorides, halogenated, sulphonated and nitrated derivatives, its salts and esters:		
2925 51	Citric acid	kg.
2925 55	Salts and esters of citric acid	kg.
2925 59	Anhydride, chlorides, halogenated, sulphonated and nitrated derivatives of citric acid	kg.
Other acyclic alcohol acids, their salts and esters, their anhydrides and chlorides, including their halogenated, sulphonated and nitrated derivatives:		
2925 91	Malic acid, gluconic acid, glucoheptoic acid, mannonic acid, talonic acid and idonic acid and other acyclic alcohol acids, including their anhydrides	kg.
2925 99	Salts, esters, chlorides, halogenated, sulphonated and nitrated derivatives of acyclic alcohol-acids classified under item 2925 91	kg.
2926 00	Aldehyde-acids, ketone acids, acyclic complex function acids, including their anhydrides and chlorides and their halogenated, sulphonated and nitrated derivatives, their salts and esters	kg.

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Cyclic alcohol-acids, including phenol-acids and other complex function cyclic acids, their anhydrides and chlorides, their halogenated, sulphonated and nitrated derivatives, including their salts and esters:

Salicyclic acid, its salts and esters and its halogenated, sulphonated and nitrated derivatives:

2927 11	Salicylic acid	kg.
2927 14	Salts of salicylic acid	kg.
	Esters of salicylic acid:	
2927 15	Butyl-, amyl-, benzyl-, bornyl-, citronellyl-, geranyl-, menthyl- and rhodinyll salicylate	kg.
2927 18	Other esters of salicylic acid	kg.
2927 19	Halogenated, sulphonated and nitrated derivatives of salicylic acid	kg.
2927 20	Gallic acid, its salts and esters and its halogenated, sulphonated and nitrated derivatives	kg.
	Other cyclic alcohol acids, including phenol acids and other complex function cyclic acids, their anhydrides and chlorides, their halogenated, sulphonated and nitrated derivatives and their salts and esters:	
	Mandelic acid, acetylsalicylic acid, parahydroxybenzoic acid, (including their salts and esters) and phenolphthalein:	
2927 51	For pharmaceutical purposes	kg.
2927 59	For other purposes	kg.
2927 90	Other (e.g. acetyl-ortho-cresotinic acids, anisic acid, cresotinic acid, protocatechuic acid, tropaic acid and veratric acid)	kg.

VIII. Esters of inorganic acids and their salts

2928 00	Esters of sulphuric acid (e.g. methyl-, ethyl-, propyl-, butyl- and amyl sulphate)	kg.
2929 00	Esters of nitrous and nitric acid	kg.
	Esters of phosphoric acids:	
2930 10	Glycerophosphoric acid, glycerophosphates, lactophosphates, inositolhexaphosphates, guaiacolphosphates	kg.
2930 90	Other esters of phosphoric acids (e.g. tributyl phosphate, tricresyl phosphate)	kg.
2931 00	Esters of carbonic acid	kg.
2932 00	Esters of silicic acids (e.g. ethyl silicate)	kg.
2933 00	Esters of other inorganic acids (e.g. sodium dibutyl and di-cresyldithiophosphate)	kg.

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IX. Amines and their salts and substitution derivatives
other than those falling under subdivision X of this chapter

Monoamines:

2934 10	Aniline and aniline salts	kg.
2934 30	Alpha- and beta-naphthylamine	kg.
2934 90	Other monoamines (e.g. dimethylamine, diphenylamine, dimethylvinylamine, toluidines and xylydines)	kg.

Polyamines:

2935 10	Ethylendiamine and hexamethyldiamine	kg.
2935 30	Benzidine	kg.
2935 90	Other acyclic and aromatic polyamines (e.g. phenylene diamines, alkyltolylene diamines, diamino stilbene, pentaminobenzene, triaminobenzenes and xylydine diamines)	kg.

2936 00	Amines of saturated and partially unsaturated hydroaromatic hydrocarbons and cycloterpenes	kg.
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Amino-alcohols, amino-phenols, amino-naphthols, amino-aldehydes, amino-ketones, (including amino-quinones) amino-acids, their substitution derivatives, salts and esters:

2937 11	Lecithins	kg.
2937 15	Stovaine and choline, their salts and derivatives, including those of lecithins	kg.
2937 30	Para-aminobenzoic acid and para-aminosalicylic acid, including their salts and esters	kg.
	Other (e.g. ethanol-amines, aminobenzaldehydes, aminocresols, anisidines, gamma acid, H-acid, meta-amino-salicylic acid, phenetidines and phenylglycine):	
2937 91	For pharmaceutical purposes	kg.
2937 99	For other purposes	kg.

2938 00	Quaternary ammonium salts and hydroxides, their sulphonated derivatives and salts, excluding wetting-out agents, detergents and emulsifiers	kg.
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2939 00	Diazo-, azo- and azoxycompounds and their derivatives (e.g. diazonium salts, whether stabilized or not and nitro-azoxy compounds), excluding dyestuffs	kg.
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X. Other nitrogenous compounds (e.g. amides, imides, imines, nitriles, chloramines, sulphonamides and hydrazine and hydroxylamine derivatives)

Amides and their salts:

Acyclic amides:

2940 10	Urea containing more than forty-five per cent by weight of nitrogen (other: 3102 50)	kg. and kg.-N
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2940 20	Diethylbromacetamide, ethylisopropylbromacetamide, valerianic diethylamide, bromodiethylacetylurea, bromoisovalerylurea, allylisopropylurea, acetyldiethylbromactylurea and acyclic urethans	kg.
2940 30	Other acyclic amides and their salts (e.g. bromacetamide, carbamide chloride, acetamide, dicyandiamide and formamide)	kg.
	Cyclic amides:	
2940 40	Barbituric derivatives (e.g. phenyl ethyl malonyl urea, diethylmalonyl urea and methyl ethyl phenyl malonyl urea)	kg.
2940 50	Hydantoin and its substitution derivatives, acetanilide, acetmethyl and acetethyl anilide, phenacetin, lactoparaphenetidine and acetylparaaminosalol	kg.
	Acetylacetanilide and its salts:	
2940 61	For pharmaceutical purposes	kg.
2940 69	For other purposes	kg.
2940 70	Acetoacetyl amino derivatives, arylides and substituted arylides of aromatic hydroxycarboxylic acids	kg.
2940 90	Other cyclic amides and their salts (e.g. paraphenetole urea, phenylacetamide)	kg.
	Imides and imines (e.g. benzoic sulphimides [<u>saccharin</u>] hexamethylenetetramine, hexogen, ethylideneaniline):	
2941 10	Hexamethylenetetramine	kg.
2941 90	Other imides and imines (e.g. guanidine, hexogen, ethylidene aniline, aldolalphanaphthylamine, benzoic sulphimide, butylideneaniline)	kg.
2942 00	Nitriles (e.g. acetonitrile, acetone cyanohydrin, acrylonitrile and adiponitrile)	kg.
2943 00	Chloro-amines and their salts	kg.
	Sulphonamides and their salts:	
2944 10	Para-aminobenzenesulphonamides, including their derivatives and salts	kg.
2944 90	Other sulphonamides and their salts (e.g. orthosulphonamido benzoic acid, orthotoluenesulphonamide-, phenylsulphamic acid and phenylsulphamic baryta)	kg.
	Hydrazine and hydroxylamine derivatives (e.g. phenylsemicarbazide, phenylhydrazine, phenylhydroxylamine) and their salts:	
2945 10	Phenylhydrazine, semicarbazide and phenylsemicarbazide	kg.
2945 90	Other derivatives of hydrazine and hydroxylamine, including their salts (e.g. benzylphenyl hydrazine, diphenylhydrazine, nitrosophenylhydroxylamine, phenylhydrazin sulphonic acid)	kg.
2946 00	Other nitrogenous compounds n.e.s. (e.g. allophanyl chloride, benzyl allophanate, dimethyl glyoxime)	kg.

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XI. Heterocyclic compounds, their substitution
derivatives, their salts and esters

Heterocyclic oxygen compounds (e.g. furfuryl alcohol, furfural
[furfurol], benzofuran [coumarone], tetrahydrofurfuryl alcohol):

2947 11	Furfurol	kg.
2947 15	Coumarone	kg.
2947 90	Other heterocyclic oxygen compounds (e.g. furfuryl alcohol, tetrahydrofurfuryl alcohol, tetraphenylfuran and oxymethyl furol)	kg.

Heterocyclic sulphur compounds (e.g. ichthyol, sulphoichthyolates and thiophene):

2948 01	For pharmaceutical purposes	kg.
2948 09	For other purposes	kg.

Heterocyclic nitrogen compounds:

2949 11	Pyridine	kg.
2949 19	Salts of pyridine	kg.
2949 20	Quinoline and its salts and esters	kg.
	Substitution derivatives (alkyl and other) of quinoline and their salts and esters:	
2949 31	For pharmaceutical purposes	kg.
2949 39	For other purposes	kg.
2949 40	Indole and betamethyl indole (scatole)	kg.
	Pyridine-beta carboxylic acid (nicotinic acid) and pyridine beta carboxylic diethylamide, their salts and esters; analgesine, methyl- and dimethyl amino analgesine, their salts and sulphonic acids; piperazine and nucleic acids and their salts; penta-methylene tetrazole, lysidine and substituted piperidines; compounds of sulphonamides with heterocyclic compounds (e.g. sulphapyridines, sulphathiazoles and sulphapyrimidines):	
2949 51	For pharmaceutical purposes	kg.
2949 59	For other purposes	kg.
	Alkylaminoacridines:	
2949 71	For pharmaceutical purposes	kg.
2949 79	For other purposes	kg.
2949 90	Other heterocyclic nitrogen compounds (e.g. acetophenol-isatin, azines, benzazimide carbazole, diphenolisatin, isatin, melamine)	kg.
2950 00	Other heterocyclic compounds	kg.

XII. Organo-inorganic compounds

Sulphur compounds, other than heterocyclic compounds (e.g. xanthates, mercaptans, thiourea and thio-ethers):

2951 01	For pharmaceutical purposes	kg.
2951 09	For other purposes	kg.

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2952 00	Arsenical compounds (e.g. arsenobenzenes, cacodylic acid, methyl-arsinic acid)	kg.
2953 00	Mercury compounds (e.g. hydromercuricdibromofluorescein and its salts)	kg.
2954 00	Other compounds of organic substances with metals or non-metals, n.e.s. (e.g. penta-carbonyl iron, siloxanes, tetra-ethyl lead and metallic oxyquinoline compounds)	kg.

XIII. Provitamins, vitamins, hormones and enzymes,
natural and synthetic, their salts and esters, n.e.s.

2955 00	Provitamins	kg.
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Vitamins:

2956 10	Vitamin A, including A and D concentrates	g.
2956 20	Vitamin B ₁ (aneurin, thiamine)	g.
2956 30	Vitamin C (levo-ascorbic acid)	kg.
2956 90	Other vitamins (e.g. pantothenic acid, folic acid, toco-pherol, calcipherol , nicotinamide)	g.

Hormones, including their synthetic substitutes:

2957 10	Insulin	g.
2957 90	Other hormones (e.g. adrenalin, androsterone, andrenosterone, ben zestrol, corticosterone, oestradiol, folliculin, hypophy-saric hormones, progesterone, thyroxin)	g.

Enzymes:

2958 10	Rennet	kg.
2958 90	Other enzymes	kg.

XIV. Alkaloids and glucosides, natural and
synthetic, their salts, esters, ethers
and other derivatives

Alkaloids of the opium group:

2959 10	Morphine	kg.
2959 20	Codeine	kg.
2959 30	Papaverine	kg.
2959 90	Other	kg.

2960 00	Chinchona alkaloids	kg.
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 VI: Products of the chemical and allied industries

Other alkaloids:

2961 11	Caffeine	kg.
2961 15	Theobromine	kg.
2961 21	Theophylline and theophylline ethylenediamine	kg.
2961 25	Cocaine	kg.
2961 31	Atropine	kg.
2961 35	Pilocarpine	kg.
2961 41	Scopolamine	kg.
2961 45	Ephedrine	kg.
2961 51	Arecoline	kg.
2961 55	Eserine (physostigmine)	kg.
2961 61	Homatropine	kg.
2961 65	Alkaloids of the ergot group	kg.
2961 90	Other alkaloids	kg.

Note.

Unless otherwise provided for, the salts, esters and other derivatives of the alkaloids of items 2959 10 to 2961 90 are to be classed with such alkaloids.

2962 00	Glucosides (e.g. digitalins, glycyrrhizin, saponins and strophanthine)	kg.
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XV. Organic compounds, n.e.s.

2963 00	Alcohol-peroxides, ether peroxides, acid peroxides (e.g. benzoyl peroxide)	kg.
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2964 00	Lactones	kg.
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2965 00	Lactames (e.g. caprolactam)	kg.
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Carbohydrates, chemically pure:

2966 10	Glucose (dextrose)	kg.
2966 20	Lactose	kg.
2966 91	Laevulose and maltose	kg.
2966 99	Other carbohydrates (e.g. galactose, xylose, arabinose, rhamnose, chinovose, fructose, sorbinose, raffinose, and cellobiose), excluding sucrose and other commercially pure sugars (Chapter 17)	kg.

Biological amino acids and their decarboxylated derivatives, salts and amides:

2967 11	Glutamic acid	kg.
2967 15	Salts of glutamic acid (glutamates)	kg.
2967 90	Other amino-acids and their decarboxylated derivatives, salts and amides (e.g. glycocoll, histidine, sarcosine, alanines, asparagine, cysteine, tyramine, tryptophane, methiomine, lysine)	kg.

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Antibiotics:

2968 10	Penicillin	g.
2968 30	Streptomycin and dihydrostreptomycin	g.
2968 50	Aureomycin	g.
2968 90	Other antibiotics (e.g. terramycin, neomycin, chloromycetin)	g.
2969 00	Other organic compounds, n.e.s. (e.g. quassin)	kg.

For exports only:

2970 00	Small quantities of pure chemicals including assortments	kg.
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VI: Products of the chemical and allied industries

Chapter 30

Pharmaceutical products

General note.

This chapter does not include:

- a) Medicinal soaps (Chapter 34);
- b) Chemical products, neither made up in measured doses, nor ready for retail sale as medicaments (e.g. hydrochloric acid, potassium iodide, magnesium sulphate, acetylsalicylic acid, ethyl-phenyl-barbituric acid, phenacetin, analgesine, hormones, vitamins [Chapter 28 and 29]), including plants and parts of plants (e.g. absinthe, digitalis leaves, valerian roots and cinchona bark [Chapter 12]);
- c) Cat-gut, silk worm gut and other surgical suture material not sterilized (Chapter 42, 50, 52 and 54).

Glands and other organs for therapeutic use, dried, whether or not powdered, extract of glands and other organs for therapeutic use:

3001 10	Glands (e.g. pancreas, thyroid and mammary glands, testicles and ovaries) and other organs (e.g. livers, kidneys) dried or powdered, excluding fresh, frozen or preserved glands and organs (Chapter 2 and 5)	kg.
3001 50	Extracts of glands and other organs	kg.
3002 00	Sera, vaccines and similar bacteriological products, whatever the form of presentation	kg.

Medicaments, including veterinary medicaments, made up in measured doses, prepared or ready for retail sale:

Hormones or preparations thereof:		
3003 11	Insulin in ampoules and insulin preparations	kg. & units
3003 19	Other hormones (e.g. adrenalin, folliculin, testosterone) and preparations thereof	kg.
Antibiotics:		
3003 21	Penicillin	kg. & units
3003 25	Preparations of penicillin	kg.
3003 29	Other antibiotics (e.g. streptomycin, chloromycetin, neomycin, terramycin) and preparations thereof	kg.
3003 50	Products containing ether or alcohol (e.g. tinctures and medicated wine)	kg.
3003 60	Quinine and quinine salts (e.g. ampoules, dragées, tablets)	kg.
3003 90	Other medicaments (e.g. mixtures of powders and herbs, emulsions, linaments)	kg.

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Medicated or simply sterilized wadding and dressing material, medicated plasters of any kind, whether or not put up for retail sale:

3004 11	Wadding, sterile or impregnated with therapeutic substances (e.g. cellulose-, carbolyzed-, iodoform- and iron chloride wadding)	kg.
3004 15	Dressing material, steril or impregnated with therapeutic substances, (gauze bandages, knitted tube bandages and bandages for burns, plaster of Paris and starch dressings)	kg.
3004 50	Plasters of any kind, whether or not with medicated additions (e.g. capsicum, salicylated and mercury plasters), including mustard paper and cataplasms	kg.

Other pharmaceutical preparations:

3005 11	Catgut, sterile	kg.
3005 15	Silk-worm gut and other surgical suture materials, including sterile laminaria tents	kg.
3005 20	X-ray contrast mediums (e.g. barium sulfate for X-ray diagnosis)	kg.
3005 30	Dental cements and other dental filling material (e.g. mercury amalgams, metal alloys for dental fillings, prepared denture material on the basis of plastics)	kg.
3005 40	First aid boxes and aid kits	kg.
3005 90	Other pharmaceutical preparations (e.g. lubricants for soundes and catheters, contraceptives, sterile congored-solution for examination of liver function, nutritive salts for saltfree diet)	kg.

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Chapter 31

Fertilisers

General note.

1. This chapter does not include:
 - a) Animal blood, powdered bone, horn and mollusc shells (Chapter 5);
 - b) Fish meal (Chapter 23);
 - c) Lime, dolomite, unground natural calcium phosphates (Chapter 25);
 - d) Sodium nitrate, ammonium nitrate, urca, potassium sulphate, magnesiumpotassium sulphate and ammonium phosphate of chemical composition not conforming with the requirements of items 3102 11, 3102 15, 3102 30, 3102 50, 3104 30, 3104 40 and 3105 11 (Chapter 28 and 29);
 - e) Ammonium chloride, magnesium sulphate, potassium nitrate, potassium phosphate, bicalcium phosphate and other inorganic or organic chemical products classified in Chapter 28 and 29, which are capable of use as fertilisers.
2. Chemical products specified in this chapter without reservation (e.g. calcium nitrate, calcium-ammonium nitrate, calcium cyanamide, thermophosphates /cal-cined phosphates/, superphosphates, crude natural potash salts and potassium chloride) remain classified as fertilisers irrespective of their use or degree of purity.
3. For the purpose of the quantitative criteria specified in items 3102 11, 3102 15, 3102 30, 3102 50, 3104 30, 3104 40 and 3105 11 the calculation is to be made on the dry product.
4. Composite fertilisers, falling under items 3105 11 to 3105 50 are fertilisers containing at least two fertilising elements (nitrogen, phosphorus or potassium) in a quantity not less than one per cent of nitrogen, three per cent of phosphoric anhydride (P₂O₅) or three per cent of potassium oxide (K₂O).

Natural animal or vegetable fertilisers, not chemically treated:

3101 10	Animal fertiliser	kg.
3101 90	Other animal and vegetable fertiliser materials, chemically not treated	kg.

Mineral and chemical fertilisers, nitrogenous:

Soda saltpeter (Chilean saltpeter, caliche, sodium nitrate) containing sixteen per cent or less by weight of nitrogen (other: 2869 40):

3102 11	Mineral	kg. and kg.-N
3102 15	Chemical	kg. and kg.-N

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3102 20	Calcium nitrate (Norway saltpeter, nitrate of lime) and calcium-magnesium nitrate	kg.and kg.-N
3102 30	Ammonium nitrate containing thirty-three per cent or less by weight of nitrogen (other: 2869 20) Calcium-ammonium nitrate, calcium-ammonium sulphate-nitrate and other composite ammonitrates:	kg.and kg.-N
3102 41	Ammonium sulphate-nitrate	kg.and kg.-N
3102 49	Other	kg.and kg.-N
3102 50	Urea containing forty-five per cent or less by weight of nitrogen (other: 2940 10)	kg.and kg.-N
3102 60	Calcium ammonium chloride	kg.and kg.-N
3102 70	Calcium cyamide	kg.and kg.-N
3102 90	Other nitrogenous fertilisers (ammonium sulphate)	kg.and kg.-N

Mineral and chemical fertilisers, phosphatic:

	Thomas phosphate slag:	
3103 11	Unground	kg.
3103 15	Ground	kg.
3103 20	Superphosphates (single, double and triple)	kg.and kg.-P ₂ O ₅
3103 50	Disintegrated (calcined) calcium phosphates	kg.and kg.-P ₂ O ₅
3103 60	Natural calcium phosphates (tri-calcium phosphates), including apatite and phosphated chalks, ground	kg.and kg.-P ₂ O ₅
3103 90	Other mineral and chemical phosphoric fertilisers	kg.and kg.-P ₂ O ₅

Mineral and chemical fertilisers, potassic:

3104 10	Crude natural potash salts (e.g. carnallite, kainite, sylvinite)	kg.
	Potassium chloride:	
3104 21	Chemically pure	kg.
3104 29	Other	kg.and kg.-K ₂ O
3104 30	Potassium sulphate containing ninety-six per cent or less by weight of K ₂ SO ₄ (other: 2865 62 to 2865 63)	kg.and kg.-K ₂ O
3104 40	Magnesium-potassium sulphate containing less than fifty per cent by weight of potassium sulphate (K ₂ SO ₄), (other: 2865 35)	kg.and kg.-K ₂ O
3104 50	Crude potash from residues of beet molasses	kg.and kg.-K ₂ O
3104 90	Other mineral and chemical potassic fertilisers	kg.and kg.-K ₂ O

Composite fertilisers and other fertiliser material; fertilisers of all kinds in tablets, lozenges and similar prepared forms or in packings of a gross weight not exceeding ten kilogrammes:

Composite mineral and chemical fertilisers:

	Containing nitrogen:	
3105 11	Ammonium phosphate containing eight milligrammes or more of arsenious anhydride per kilogramme (other: 2871 10)	kg.
3105 19	Other composite fertilisers containing nitrogen (e.g. ammoniumpotassium nitrate, nitrophosphate, urea superphosphate)	kg.
3105 50	Other (e.g. potassium superphosphate)	kg.
3105 80	Fertilisers, n.e.s.	kg.
3105 90	Fertilisers of all kinds, in tablets, lozenges and similar prepared form or in packings of a gross weight not exceeding ten kilogrammes	kg.

VI: Products of the chemical and allied industries

Chapter 32

Tanning and dyeing extracts; dyes, colours,
paints, varnishes and colouring matter;
putty, fillers and stoppings; inks

General note.

1. This chapter does not include:
 - a) Chalk, natural barium sulphate, graphite, earth colours (e.g. ochre, umbra, ruddle, Sienna earth, Cassel earth and clay-slate), ground or washed (Chapter 25);
 - b) Ores (Chapter 26);
 - c) Asphalt mastics (Chapter 27);
 - d) Carbon black, lead carbonate, zinc oxide, iron oxides, titanium oxide, litharge, red lead, barium sulphate, chromium oxides (Guignet green), chrome yellow, chrome red, Berlin blue, Paris blue, cupric oxides, cinnabar and other chemical products of a kind suitable for use as colouring matter (Chapter 28);
 - e) Products of a kind suitable for use as tannic matter (e.g. gallic acids [Chapter 29] and ligno-sulphite [Chapter 38]);
 - f) Pastel chalks, writing and drawing chalks, oil chalks (coloured pencils) (Chapter 98);
 - g) Hair-dyes and rouge (make-up) (Chapter 33);
 - h) Lacquers put up as toilet preparations (e.g. nail polish) (Chapter 33);
 - i) Metallic colours (so-called bronzes, metallic powder), but only, if not prepared and if not put up for retail sale (Sections XIV and XV);
 - k) Boot-polish and polishing wax, whether dyed or not (Chapter 34).
2. Dyes and colouring matter of all kinds, mixed with binders or rendered suitable for direct use, fall under items 3212 10 to 3212 90, 3213 00 or 3214 20 to 3214 90, according to their kind.

Tanning extracts of vegetable origin:

3201 10	Chestnut extract	kg.
3201 20	Oak extract	kg.
3201 30	Pine extract	kg.
3201 40	Quebracho extract	kg.
3201 50	Mimosa extract	kg.
3201 60	Sumach and valonia extract	kg.
3201 90	Other vegetable tanning extracts	kg.
3202 00	Tannic acids and tannins, including gall-nuts tannin	kg.
3203 00	Synthetic tanning substances	kg.

 VI: Products of the chemical and allied industries

Artificial pre-tanning preparations (e.g. of enzymatic or bacterial origin):

3204 10	Of pancreatic origin	kg.
3204 50	Of bacterial origin	kg.
3204 90	Other artificial pre-tannings (e.g. pre-tannings based on cultures of bacteria)	kg.

Colouring matter of vegetable origin, including dyewood and other vegetable dyeing extracts, but excluding indigo:

3205 10	Catechu and gambier	kg.
3205 30	Extracts of yellow and red wood	kg.
3205 50	Extracts of blue wood	kg.
3205 91	Chlorophyll	kg.
3205 99	Other vegetable dyestuffs (e.g. dyer's woad, dyer's croton, extract of Persian berries, annato, extract of quercitron bark, oenocyanine, archil)	kg.

3206 00	Colouring matter of animal origin	kg.
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Note.

Dried cochineal insects, whether powdered or not, are classified in item 0515 91.

3207 00	Coal tar dyes and other synthetic organic colouring matter; natural indigo	kg.
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Mineral pigments, n.e.s., whether or not mixed together or mixed with extenders or treated with a coal tar dye:

3208 10	Lithopone and other pigments based on zinc sulphide	kg.
	Zinc grey (impure zinc oxide):	
3208 21	Zinc grey used as pigment	kg.
3208 29	Other zinc grey	kg.
3208 51	Mineral black, n.e.s.	kg.
3208 55	Sap brown (nut caustic) and the like	kg.
3208 61	Pigments with a base of titanium oxide	kg.
3208 65	Cadmopone and other pigments containing cadmium salts	kg.
3208 71	Ultramarine	kg.
3208 75	Schweinfurt green (copper aceto-arsenite)	kg.
3208 81	Chrome pigments, produced by mixing metallic oxides or salts, with or without the addition of other mineral pigments	kg.
3208 91	Luminous colours (e.g. fluorescent pigments, phosphorescent pigments, radio-active luminescent colours)	kg.
3208 99	Other mineral colours, n.e.s.	kg.

3209 00	Colour lakes (laked natural and synthetic pigments)	kg.
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Pigments and opacifiers prepared for the ceramic, enamelling or glass industries, whether or not containing salts of precious metals:

3210 10	Containing salts of precious metals	g.
3210 90	Other	kg.

 VI: Products of the chemical and allied industries

Note.

Pigments and opacifiers prepared for use in the ceramic, enamelling or glass industry are dry mixtures or compounds formed by the heat treatment of metallic oxides with or without a flux, are stable in oxidising atmospheres at temperatures exceeding three hundred degrees centigrade and are capable of colouring or opacifying a suitable vitrifiable compound by means of ceramic firing.

Pure metallic oxides (e.g. antimony-, chromium-, iron-, copper-, manganese-, nickel-, uranium- and tin oxides) fall under Chapter 28.

Ceramic enamels, engobes, liquid lustres and other similar compounds for ceramics, whether or not containing salts of precious metals:

3211 01	Ceramic enamels for enamelling metals or glazes (also called enamel)	kg.
	Other preparations for ceramics:	
3211 10	Containing salts of precious metals	g.
3211 90	Other	kg.

Note.

Ceramic enamels are products giving a smooth glossy or matt surface on vitrifying under heat, in the form of powder or in other form, but not including glass powder and glass frit; the latter products fall under item 7002 11.

Prepared painter's colours, paints, varnishes and lacquers, not put up for retail sale, including pigments ground in oil or water and mixed with extenders:

3212 10	Pearl essence	kg.
3212 20	Bronze colours (metallic pigments), ready for use	kg.
3212 30	Luminous colours, prepared	kg.
3212 40	Oil paints (lead-, zinc-, lithopone white, iron oxide, red lead and the like, ground in oil)	kg.
3212 50	Varnishes and lacquers	kg.
3212 60	Aluminium paste	kg.
3212 80	Wood preservatives with addition of colour	kg.
3212 90	Other prepared colours, excluding printer's ink (item 3217 10 to 3217 20), duplicating ink, and stamping colours (item 3217 40)	kg.
3213 00	Prepared dyes, not put up for retail sale	kg.

Prepared painter's colours, paints, varnishes and lacquers and dyes, put up for retail sale:

3214 20	Bronze colours (metallic pigments), ready for use	kg.
3214 30	Luminous colours, prepared	kg.
3214 40	Oil paints	kg.
3214 50	Varnishes and lacquers	kg.

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3214 71	Artist's, decorator's, educational or amusement colours, in tablets, lozenges, tubes, pans or similar forms	kg.
3214 75	Charged colour-boxes of tin, wood, paperboard and the like	kg.
3214 80	Wood preservatives with addition of colour	kg.
3214 90	Other prepared colours, including pigment foils and pigment-coated foils	kg.
3215 00	Driers in powder, paste or liquid form (e.g. borates, oleates, resinates and naphthenates of manganese, lead or cobalt)	kg.
3216 00	Glazier's putty, fillers and stoppings, n.e.s., including resinous cements and mastics	kg.
Printer's ink and other inks:		
3217 10	Black printer's ink	kg.
3217 20	Coloured printer's ink	kg.
3217 40	Duplicating and stamping ink	kg.
3217 50	Inks, in liquid, paste, powder or tabloid form	kg.
3217 60	Chinese ink in solid, liquid or paste form	kg.

Only for exports

3218 00	Writing and drawing materials and instruments put up in assortments	kg.
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VI: Products of the chemical and allied industries

Chapter 33

Essential oils and essences; perfumery and
toilet preparations

General note.

This chapter does not include:

- a) Soaps of all kinds (apart from dental soaps) or shaving creams containing soap and shampoos containing soap, whether perfumed or not (Chapter 34);
- b) Spirit of turpentine and other terpenic solvents (Chapter 38);
- c) Essential oils prepared for direct medical use (e.g. eucalyptus oil and peppermint oil) (Chapter 30);
- d) Medicated mixtures of essential oils, perfumed ointments, powders for medical use and the like (Chapter 30).

Essential oils and resinoids, solid or liquid:

Essential oils:

3301 10	Made from citrus fruits (e.g. bergamot-, mandarine-, orange-, citronella oil)	kg.
3301 50	Other essential oils (e.g. oil of anise, cajeput, ylangylang, cassia, copaiba balsam, cumin, eucalyptus, fennel, geranium, ginger, camomile, lavender, laurel leaves, mace, almonds, melissa, cloves, neroli, niaouli, opoponax, patchouli, Peruvian balsam, petitgrain, peppermint, pimento, rosewood, rose (attar of roses), rosemary, sandelwood, spike, thyme, vetiver and cinnamon)	kg.
3301 90	Resinoids	kg.
3302 00	Residual terpenic by-products of the distillation of terpeneless essential oils	kg.
3303 00	Concentrates of natural essential oils in fats or in fixed oils obtained by cold absorption or maceration of a kind suitable for use as basic material in the perfumery and cosmetic industry	kg.
3304 00	Mixtures on the basis of natural oils or essences or of synthetic aromatics of a kind suitable for use as basic material in the perfumery, cosmetic, food, drink or other industries not being finished perfumes, cosmetics or food and drink flavours	kg.

Note.

Mixtures which can be used without further preparation listed under item 3304 00 are to be classified as perfumery or cosmetics (item 3306 30) or as edible preparations (item 2107 90), according to their nature.

VI: Products of the chemical and allied industries

3305 00 Aqueous distillates of natural perfumes, including such distillates for medicinal use kg.

Perfumes, cosmetics and toilet preparations:

3306 10	Perfumed fats, oils, pomades, ointments and the like, not containing pharmaceutical constituents	kg.
3306 20	Eau de Cologne	kg.
3306 30	Alcoholic or ethereous extracts or aqueous distillates, perfumed or used as perfumes, toilet vinaigre	kg.
3306 40	Mouth-, tooth- and hair washes	kg.
3306 50	Perfumes, cosmetics and toilet preparations in assortments as gift packings	kg.
3306 60	Hair dyes and shampoos not containing soap	kg.
3306 90	Other perfumes, cosmetics and toilet preparations, n.e.s., (e.g. eyebrow pencils, lipsticks, nail polish, powder, incense paper, make-up powders and creams, shaving cream not containing soap, dental cream, dental soap, tooth powder)	kg.

VI: Products of the chemical and allied industries

Chapter 34

Soap; wetting-out agents, detergents, emulsi-
fiers; washing preparations and washing agents; lubricants;
artificial waxes; prepared wax, including shoe-polish,
scouring powder and the like; candles and other
products on a basis of fats, oils or waxes

General note.

This chapter does not include:

- a) Dental soaps, shaving creams or shampoos, not containing soap (e.g. with a basis of fatty alcohol sulphonates) (Chapter 33);
- b) Disinfecting preparations and the like containing soap; prepared wetting-out agents and the like (Chapter 38);
- c) Grinding and polishing stones; abrasives based on woven fabric, paper or other material (Chapter 68).

Soaps:

Soaps with a basis of resin or naphthenates:

3401 12	Put up for retail sale	kg.
3401 14	Put up in forms or packings other than for retail sale	kg.

Soft soaps (potash soaps) on a basis of potassium:

3401 16	Put up for retail sale	kg.
3401 18	Put up in forms or packings other than for retail sale	kg.

Hard soaps, whether or not scented or transparent, n.e.s., including shaving soap:

Put up for retail sale (e.g. in cakes, tubes):

3401 22	Toilet soap	kg.
3401 23	Household soap, including industrial soap	kg.
3401 24	Shaving soap (e.g. in sticks or bowls)	kg.
3401 25	Shaving cream	kg.
3401 28	Other hard soaps	kg.

Put up in forms or packings other than for retail sale, (e.g. in blocks, bars, cans):

3401 32	Toilet soap	kg.
3401 33	Household soap, including industrial soap	kg.
3401 34	Shaving soap	kg.
3401 35	Shaving cream	kg.
3401 38	Other hard soaps	kg.

Soaps in powder, flakes, chips, granules, scales and the like, including liquid soap, all these whether perfumed or not:

Put up for retail sale:

3401 52	Liquid soap	kg.
3401 54	Other (e.g. flakes, chips)	kg.

Put up in forms or packings other than for retail sale:

3401 56	Liquid soap	kg.
3401 58	Other (e.g. flakes, chips)	kg.

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Medicated soap (e.g. tar soap, sulphur soap):

3401 71	Put up for retail sale	kg.
3401 79	Put up in forms or packings other than for retail sale	kg.
	Other soaps, n.e.s. (e.g. ammonium soap, triethanolamine soap, abrasive types of soap):	
3401 91	Put up for retail sale	kg.
3401 99	Put up in forms or packings other than for retail sale	kg.

Wetting-out agents, detergents and emulsifiers (other than soaps),
 n.e.s.:

For use as:

3402 10	Textile aids	kg.
3402 30	Aids for the treatment of leather	kg.
3402 50	Washing raw materials	kg.
3402 90	For other purposes	kg.

Note.

Under these items fall sulphoricinates, sulpholeates and sulphoresinates; sulphonation products of fatty alcohols, fatty amides and of esters of fatty alcohols or fatty acids and similar products; sulphonated and sulphated derivatives of substituted aromatic hydrocarbons and fatty hydrocarbons; salts of fatty amines and of quaternary ammonium bases and other similar products with active kation; products from the condensation of fatty substances and ethylene oxide and similar products without active ion and other similar products.

Products prepared from goods covered by these items fall under items 3403 11 to 3403 99 or under Chapter 38 according to their use.

Washing preparations and washing agents:

Prepared washing preparations and washing agents for household use:

Put up for retail sale:

Washing powder:

3403 11	With a basis of soap	kg.
3403 13	With a basis of synthetic products (e.g. with a basis of sulphonates)	kg.
3403 15	Washing preparations for fine linen	kg.
3403 17	Washing agents	kg.

Put up in forms or packings other than for retail sale:

Washing powder:

3403 21	With a basis of soap	kg.
3403 23	With a basis of synthetic products (e.g. with a basis of sulphonates)	kg.
3403 25	Washing preparations for fine linen	kg.
3403 27	Washing agents	kg.
3403 91	Industrial cleaning and washing compounds, except soap	kg.
3403 99	Other washing preparations, washing and cleaning agents	kg.

VI: Products of the chemical and allied industries

Lubricants, prepared from oils or fats of all kinds, with or without addition of other substances:

Containing heavy oils of items 2710 51 to 2710 69 with a content by weight of lubricating oil:

3404 11	Exceeding ten per cent	kg.
3404 19	Of ten per cent or less	kg.
3404 90	Other lubricants	kg.

3405 00 Artificial waxes kg.

3406 00 Prepared animal or vegetable waxes, mixed together or mixed with mineral or artificial waxes, fats, resins, mineral substances and the like, not containing solvents kg.

Boot-polish, furniture and floor wax, pastes, polishing agents, scouring powder, and similar preparations of a kind suitable for polishing, cleaning or preserving leather, wood, metal, glass and the like:

3407 10	Boot-polish	kg.
3407 20	Furniture and floor wax	kg.
3407 90	Scouring powder, polishing agents with or without addition of fat or oil (e.g. cleaning pomade or cleaning fat); polishing and cleaning agents	kg.

Note.

Under item 3407 90 are also classified: sand, kieselguhr, natural graphite, chalk, tripoli, pumice stone, emery and other natural scouring, polishing and cleaning preparations, if in packings of a gross weight not exceeding one and a half kilogrammes or mixed either amongst themselves or with other substances or formed for immediate use (e.g. in pastes, small slabs, tablets, blocks or cones).

3408 00 Candles of all kinds, tapers, ball-tapers, night-lights and the like kg.

Modelling materials on the basis of fatty acids, waxes or other similar substances, loose or in loaves; dental wax:

3409 10	Dental impression masses	kg.
3409 90	Modelling masses	kg.

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Chapter 35

Albuminous substances and glue

General note.

This chapter does not include:

- a) Peptones prepared for pharmaceutical use (Chapter 30);
- b) Weavers' glazings and textile dressings (Chapter 38);
- c) Chemically hardened casein and gelatine, including articles thereof (Chapter 39);
- d) Solutions and dispersions of rubber (Chapter 40);
- e) Articles of non-hardened gelatine (Chapter 95).

Casein:

3501 10	For industrial use	kg.
3501 90	For other purposes	kg.

Albumen:

3502 10	Unfit for human consumption or denatured	kg.
	Other:	
	White of egg, crystallized:	
3502 92	For food	kg.
3502 93	For industrial use	kg.
3502 99	Other albumen fit for human consumption	kg.

3503 00	Peptones without other added substances	kg.
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3504 00	Gelatine	kg.
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3505 00	Other protein substances, n.e.s., (e.g. caseinates, peptonates and other, excluding casein glue)	kg.
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Pastes for the graphic trade or for printing rollers and similar products with a basis of gelatine, with or without the addition of glycerine, kaolin and the like:

3506 10	Hectographic rollers and sheets	kg.
3506 90	Other products	kg.

3507 00	Dextrins, including soluble starch, roasted starch and roasted starch-flour	kg.
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Glues of animal origin:

3508 10	Fish glue	kg.
3508 20	Casein glue	kg.

VI: Products of the chemical and allied industries

3508 30	Skin glue	kg.
3508 40	Leather glue	kg.
3508 50	Bone glue	kg.
3508 60	Modified glues of glutine	kg.
3508 90	Other glue of animal origin	kg.

Glues of vegetable origin, excluding glues prepared from natural resins or from rubber, n.e.s.:

3509 10	Glue prepared from vegetable gums (e.g. gum arabic)	kg.
3509 30	Dextrin glue	kg.
3509 90	Other glue of vegetable origin	kg.

Other glue, n.e.s., (e.g. glue prepared from natural or synthetic resins, glue prepared from rubber and silicate glue):

3510 10	Glue prepared from natural resins (e.g. from colophony)	kg.
3510 30	Glue prepared from synthetic resins (e.g. glue from urea, melamine-, vinylic-and phenolic resins)	kg.
3510 50	Cellulose glue (e.g. methyl- and carboxy-methyl cellulose glue)	kg.
3510 90	Other glue (e.g. rubber and silicate glue)	kg.

3511 00	Glue of all kinds in packings of a gross weight not exceeding one kilogramme	kg.
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VI: Products of the chemical and allied industries

Chapter 36

Propellent powders and explosives;
pyrotechnic products; matches; pyrophoric
alloys; inflammable products

General note.

This chapter does not include:

- a) Pure chemical products suitable for use as propellent powders or explosives (Chapter 28 and 29);
- b) Pure metaldehyde powder (Chapter 29).

3601 00	Propellent powder	kg.
3602 00	Prepared explosives, n.e.s.	kg.
3603 00	Blasting fuses; detonating fuses	kg.
3604 00	Percussion and detonating caps; igniters; detonators	kg.
3605 00	Pyrotechnic products, n.e.s.	kg.

Matches:

3606 10	Made from wood or paper	kg.
3606 90	Made from stearin, wax or similar materials	kg.

Ferro-cerium and other pyrophoric alloys in all forms:

3607 10	Flints of all kinds prepared from ferro-cerium	kg.
3607 90	Other pyrophoric alloys in all forms	kg.

Inflammable products, n.e.s.:

3608 10	Solid spirit	kg.
3608 30	Metaldehyde and other similar solid fuels in tablets, sticks or other form	kg.
3608 50	Liquid fuel for lighters and other articles for striking fire in packings of a capacity not exceeding three hundred cubic centimetres	kg.
3608 70	Fuses and tapes treated with sulphur, lozenges, candles and slabs with a basis of sulphur	kg.
3608 90	Pitch- and resin torches, fire-lighters and the like	kg.

VI: Products of the chemical and allied industries

Chapter 37

Photographic and cinematographic products

Photographic plates, unexposed:

Film packs:

3701 11	Colour films	kg.
3701 19	Other film packs	kg.
3701 30	X-ray films, flat	kg.
3701 90	Other photographic plates on bases of any kind	kg.

Unperforated films, unexposed:

3702 10	Colour films	kg.
3702 30	X-ray films	kg.
3702 90	Other unperforated films	kg.

Perforated films, unexposed:

Colour films:

3703 11	Of a length not exceeding thirty metres	kg.
3703 15	Of a length exceeding thirty metres	kg.and m.
3703 30	X-ray films	kg.

Other perforated films:

3703 50	Of a width not exceeding sixteen millimetres	kg.
	Of a width exceeding sixteen millimetres:	
3703 91	Of a length not exceeding thirty metres	kg.
3703 95	Of a length exceeding thirty metres	kg.and m.

Photographic papers, cards and sensitized cloth, whether or not exposed, not developed:

3704 10	Blueprint paper	kg.
3704 90	Other sensitized paper, cards and cloth	kg.

Photographic plates and films, exposed, but non-developed:

3705 10	Plates; films, whether perforated or not, of a length not exceeding four metres	kg.
3705 50	Perforated negative films of a length exceeding four metres	kg.and m.
3705 90	Perforated positive and reversible films of a length exceeding four metres	kg.and m.

Note.

Such negative films as have been synchronized in German will be treated like positive films.

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Photographic plates; films, whether perforated or not, of a length not exceeding four metres, exposed and developed (negative and positive):

3706 10	Copyable offset reproductions	kg.
3706 90	Other exposed and developed plates and films	kg.

Cinematograph films, consisting only of a sound track, exposed and developed:

3707 10	Negative	kg. and m.
3707 50	Positive	kg. and m.

Note.

Such negative films as have been synchronized in German are subject to the same classification as positive films.

Other cinematograph films exposed and developed, (whether or not incorporating a sound track):

3708 10	Negative	kg. and m.
	Positive:	
3708 51	Colour films	kg. and m.
3708 59	Other (whether or not incorporating a sound track)	kg. and m.

Notes.

1. Such negative films as have been synchronized in German are subject to the same classification as positive films.
2. Sound tracks recorded on separate films from the images to which they pertain are regarded as separate articles.

3709 00	Chemical products of a kind suitable for use in photography and put up for retail sale, including flash light materials	kg.
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Note.

Item 3709 00 includes small packings of chemical products for photographic purposes, in measured doses and ready for use (e.g. developing, fixing and toning agents), whether or not containing salts of precious metals. Products of this kind put up in any other way as well as varnishes, glues and the like shall be subject to classification according to their nature.

VI: Products of the chemical and allied industries

Chapter 38

Miscellaneous chemical products

General note.

This chapter does not include:

- a) Products of definite chemical composition, commercially or chemically pure (Chapter 28 and 29), with the exception of the products falling under item 3822 00;
- b) Disinfectants, insecticidal and other substances, which have the character of medicaments (Chapter 30);
- c) Sulphur treated fuses and tapes as well as lozenges, candles and small slabs with a basis of sulphur (Chapter 36).

3801 00	Artificial graphite	kg.
3802 00	Colloidal graphite in aqueous suspension	kg.
3803 00	Animal black (bone black)	kg.
3804 00	Activated carbon, powder or granules	kg.
3805 00	Residual carnallite lye	kg.
3806 00	Ammoniacal gas liquors, crude, produced in coal gas filtration	kg.
3807 00	Crude ammoniacal residues produced in coal gas filtration	kg.
Tall oil (residual product of the manufacture of wood pulp by the alkali process):		
3808 11	Crude tall oil and core oil	kg.
3808 15	Distilled tall oil	kg.
Lignosulphites (residual products of the manufacture of wood pulp by the bisulphite process)		
		kg.
Wood distillation products, n.e.s.:		
Wood tar:		
3810 11	From coniferous wood (e.g. pine and juniper tar)	kg.
3810 19	Other wood tar (e.g. birch- and beechwood tar)	kg.
3810 30	Creosote oil	kg.
3810 50	Pyrolignites (e.g. calcium and zinc pyrolignite)	kg.
3810 90	Other products of wood distillation, excluding crude methyl alcohol (2905 11)	kg.

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Oil of turpentine and other products of the distillation of
 coniferous wood or coniferous resins:

3811 11	Balsam turpentine oil	kg.
3811 15	Root and wood turpentine oil	kg.
	Sulphate and sulphite turpentine:	
3811 21	Crude	kg.
3811 25	Purified	kg.
3811 30	Pinewood oil and other terpenic solvents obtained by di- stillation of coniferous wood	kg.
3811 51	Pine oil	kg.
3811 55	Terpineol, crude	kg.
3811 60	Dipentene, crude	kg.
3811 71	Balsam resin (colophony from balsam turpentine)	kg.
3811 73	Root resin (colophony from coniferous roots)	kg.
3811 75	Tall resin	kg.
3811 77	Sulphate pitch and resin pitch	kg.
3811 99	Other products obtained by the distillation of coniferous wood	kg.

Derivatives of dry resinous products (colophony and resin pitch),
 excluding substances falling under items 3813 10 to 3813 99:

3812 10	Resin oils, whether or not decarboxylated	kg.
3812 50	Resinates (e.g. calcium-, cobalt-, lead-, magnesium-, manga- nese-, zinc-resinate), excluding prepared siccatives (3215 00)	kg.

Vegetable pitch of all kinds, brewers' pitch and similar pre-
 parations with a basis of colophony and vegetable pitch, n.e.s.:

3813 10	Natural resinous binding material for foundry cores	kg.
3813 91	Brewers' pitch, waste, no longer suitable for pitching beer barrels	kg.
3813 99	Other vegetable pitch and preparations thereof	kg.

3814 00	Activated substances, n.e.s., (e.g. activated kieselguhr, acti- vated clay)	kg.
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Disinfecting, insecticidal, antifouling, weedkilling, fungicidal
 and similar preparations (including poisonbait) n.e.s.:

	Plant protectives and insecticidal preparations:	
3815 11	Moth repellent preparations for the textile industry	kg.
3815 19	Other	kg.
3815 20	Wood preservatives, oily or with a basis of salts but with- out addition of pigment (with addition of pigment: 3212 80 and 3214 80)	kg.
	Preservatives:	
3815 51	For textiles	kg.
3815 54	For hides and leather	kg.
3815 59	For other purposes	kg.
3815 91	Disinfectants	kg.
3815 99	Other preparations	kg.

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Auxiliary preparations of a kind used in the textile-, paper-making and tanning industries (e.g. wetting-out-, oiling-, softening- and degreasing agents, mordants and dressings), n.e.s.:

	Prepared dressings and glazings of a kind:	
3816 11	Used in the textile industry (textile auxiliary preparations)	kg.
3816 15	Used in the paper industry	kg.
3816 19	Used in the tanning industry (leather auxiliary preparations)	kg.
	Other prepared auxiliary products:	
3816 91	Used in the textile industry (textile auxiliary preparations)	kg.
3816 95	Used in the paper industry	kg.
	Used in the tanning industry:	
3816 96	Leather auxiliary preparations	kg.
3816 98	Prepared tannings and tanning auxiliaries	kg.

3817 00	Seger cones	kg. and number
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Pickling and other auxiliary preparations for brazing, soldering and welding of metals; salammoniac plates for soldering:

3818 20	Fluxes for brazing, soldering and welding	kg.
3818 90	Other auxiliary preparations for brazing, soldering or welding (e.g. post-treatment agents, salammoniac plates for soldering), electrode dipping mass	kg.

3819 00	Rubber accelerators, n.e.s.	kg.
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Ink-removers and stencil-correcting fluid in packings ready for use:

3820 10	Ink-removers	kg.
3820 50	Stencil-correcting fluid	kg.

3821 00	Reagents and prepared culture media for growing micro-organisms of a kind used in microbiology, microscopy and for other laboratory purposes in containers of a grossweight not exceeding five hundred grammes	kg.
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3822 00	Cultured crystals of the halides of the alkali or of the alkaline earth metals or of magnesium oxide, not optically worked, weighing not less than two and a half grammes each	g.
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2823 00	Getters with a basis of barium, caesium, zirconium and the like (for perfecting the vacuum in electrical tubes) on tubes or wires or in form of lozenges, small slabs and the like	kg.
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 VI: Products of the chemical and allied industries

Mixtures and charges for fire-extinguishers; fire extinguishing grenades and other charged fire-extinguishing appliances:

3824 10	Mixtures and charges for fire-extinguishers	kg.
3824 50	Fire extinguishing grenades and charged fire extinguishing appliances	kg.

Mixtures of solvents and thinners for varnishes and other products:

3825 10	For varnishes	kg.
3825 90	For other purposes	kg.

Other chemical preparations, n.e.s.:

Foundry auxiliary preparations:

3826 11	Prepared pipe eliminators	kg.
3826 19	Other auxiliary preparations for foundries, excluding foundry core binders from natural resins or pitches (3813 10)	kg.
3826 20	Etching-, reproduction- and reducing agents and other auxiliaries for the printing trade	kg.
3826 31	Ion exchangers on a basis of artificial resins and other organic and inorganic ion exchangers (e.g. zeolithes) used for exchanging bases or acids	kg.
3826 39	Preparations for the treatment of water, (excluding ion exchanger), antiscaling compounds, milk scale removing compounds, including chemically dissolving and mechanically acting cleansers	kg.
3826 40	Auxiliary preparations used in electro-deposition	kg.
3826 50	Building preservatives, fire proofing agents, n.e.s. (quick binding material for cement, antifreezing preparations, pigmented building preservatives, concrete boarding preparations)	kg.
3826 60	Rubber auxiliary preparations, excluding rubber accelerators	kg.
3826 70	Artificial leavening agents	kg.
3826 91	Ethyl fluid	kg.
3826 92	Softeners and hardeners for plastics	kg.
	Improvers:	
3826 93	For lubricating oil and lubricating agents	kg.
3826 94	For other mineral oils (e.g. fuel oil), excluding ethyl fluid (3826 91)	kg.
3826 95	Chemical products of a kind for use in photography, not put up for retail sale (other 3709 00)	kg.
3826 96	Luminescent substances for lighting, radiology and television	kg.
3826 99	Other chemical preparations, n.e.s.	kg.

Section VII

Artificial plastic materials and articles made thereof;

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rubber and articles of rubber

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Chapter 39

Artificial plastic materials and articles made thereof

General note.

This chapter does not include:

- a) Liquid polymerisation products, not hardenable by heat (Chapter 29);
- b) Synthetic rubber (Chapter 40);
- c) Travel goods, handbags and the like of vulcanised fibre or other plastic materials (Chapter 42);
- d) Manufactures of plaiting materials made of strips of artificial straw, artificial horsehair or artificial plastic materials (Chapter 46);
- e) Synthetic or artificial textiles or articles thereof (Section XI); artificial horsehair, however, with a diameter exceeding one millimetre, imitation catgut of synthetic or artificial textile material with a diameter exceeding one millimetre as well as strips and the like made of such material (e.g. artificial straw) with a width exceeding five millimetres, remain within this chapter;
- f) Handles, knobs and other fittings for umbrellas, walking sticks, whips, riding crops and the like (Chapter 66);
- g) Artificial flowers, foliage, fruit or parts thereof (Chapter 67);
- h) Fancy imitation jewellery (Chapter 71);
- i) Parts of machinery, apparatus and mechanical appliances (Chapter 84); cases for accumulators, insulators and insulating parts for electrical machinery and apparatus (Chapter 85);
- k) Goods of artificial plastics, optically worked, spectacle frames or drawing instruments (Chapt. 90);
- l) Clock or watch cases (Chapter 91);
- m) Musical instruments (Chapter 92);
- n) Brushes (Chapter 96);
- o) Games, toys and sport requisites (Chapter 97);
- p) Buttons, slide fasteners, penholders, fountain-pens, ball-point pens, propelling pencils, cigar or cigarette-holders, mouth pieces or stems for smoking pipes, combs and parts (e.g. cups) of vacuum flasks (Chapter 98).

Condensation and polycondensation products, modified or unmodified, whether with fillers and colouring matters or not, solid (e.g. in lumps, powder, blocks, tubes, rods, sticks or in square or rectangular plates, foil or film) or in liquid form, including emulsions, dispersions and solutions:

Phenoplasts (condensation products of phenols or their homologues with aldehydes):

VII: Artif. plastic materials and articles thereof; rubber and articles thereof

3901 15	Laminated plastics	kg.
3901 17	Raw materials for the manufacture of varnishes	kg.
3901 19	Other	kg.
	Aminoplasts (condensation products of aniline, urea thiourea, melamine and the like with aldehydes):	
3901 21	Moulding powders	kg.
3901 25	Laminated plastics	kg.
3901 27	Raw materials for the manufacture of varnishes	kg.
3901 29	Other	kg.
	Alkyds (condensation products of polyacids with polyhydric alcohols):	
3901 31	Varnish bases, whether or not coloured	kg.
3901 39	Other alkyds	kg.
3901 40	Superpolyamides, superpolyurethanes, superpolyesters and other linear polycondensation products	kg.
3901 50	Silicones (condensed organic silicium compounds)	kg.
3901 81	Ethoxiline resins	kg.
3901 89	Other condensation- and polycondensation products (e.g. acetaldehyde resins, cyclohexanone resins and the like)	kg.
3901 90	Waste and scrap of condensation and polycondensation products of items 3901 11 - 3901 89	kg.

Polymerisation products, with or without added fillers or colouring matter, solid (e.g. in lumps, powder, blocks, tubes, rods, sticks or in square or rectangular plates, foil and film) or in liquid form, including emulsions, dispersions and solutions:

3902 12	Polyethylene	kg.
3902 13	Polytetrafluoroethylene and polytrifluorochloroethylene	kg.
3902 15	Polyisobutylene	kg.
	Polystyrene:	
3902 21	Powder, irregular lumps and in liquid form	kg.
3902 23	Blocks, tubes, sticks, rods, plates and similar primary forms	kg.
3902 25	Foil and film	kg.
	Polyvinyl chloride, whether or not afterchlorinated:	
3902 31	Powder, irregular lumps and in liquid form	kg.
3902 33	Blocks, tubes, sticks, rods, plates and similar primary forms	kg.
	Foil and film:	
3902 34	With added softener	kg.
3902 36	Without softener	kg.
	Polyvinylidene chloride:	
3902 37	Powder, irregular lumps and in liquid form	kg.
3902 38	Blocks, tubes, sticks, rods, plates and similar primary forms	kg.
3902 39	Foil and film	kg.
	Other vinylic polymerisation products (e.g. polyvinylacetate, polyvinyl alcohol, polyvinyl acetals, polyvinyl ethers):	
3902 47	Powder, irregular lumps and in liquid form	kg.
3902 48	Blocks, tubes, sticks, rods, plates and similar primary forms	kg.
3902 49	Foil and film	kg.
	Polyacrylic and metacrylic derivatives:	
3902 51	Powder, irregular lumps and in liquid form	kg.
3902 59	Other (e.g. blocks, tubes, sticks, rods, plates)	kg.
3902 60	Polyallyl esters and ethers	kg.

VII: Artif. plastic materials and articles thereof; rubber and articles thereof

Co-polymers (e.g. polyisobutylene-styrene, vinylchloride-vinylacetate, vinylchloride - vinylidenechloride, vinylidenechloride-acrylonitrile):

3902 71	Powder, irregular lumps and in liquid form	kg.
3902 73	Blocks, tubes, sticks, rods, plates and similar primary forms	kg.
3902 75	Foil and film.	kg.
3902 82	Coumarone resins	kg.
3902 83	Indene resins	kg.
3902 89	Other polymerisation products (e.g. polyvinylcarbazole, polyvinyl amines and imines, polyvinyl ketones)	kg.
3902 90	Waste and scrap of polymerisation products of items 3902 12 to 3902 89	kg.

Products derived from cellulose:

Regenerated cellulose (e.g. cellophane):

3903 11	Foil and film	kg.
3903 15	Blocks, tubes, sticks, rods, plates and similar primary forms	kg.
3903 19	Waste and scrap	kg.
3903 20	Vulcanised fibre (e.g. in rolls, plates, strips, sticks and tubes)	kg.

Cellulose nitrates:

3903 31	Celloidine and collodion, irrespective of the solvent	kg.
	Varnish bases:	
3903 33	Nitrocellulose used as varnish base	kg.
3903 34	Other varnish bases, whether or not pasty or with added colouring matter containing no more than 12,3 per cent of nitrogen	kg.

Celluloid:

3903 35	In the mass, in blocks, tubes, rods, sticks, square and rectangular plates, foil and film	kg.
3903 36	Waste and scrap, including washed or unwashed scrap films	kg.
3903 39	Other cellulose nitrates, including gun-cotton	kg.

Cellulose acetate:

3903 51	Foil and film	kg.
3903 59	Other	kg.

Cellulose ethers:

3903 61	Ethyl-cellulose	kg.
3903 69	Other cellulose ethers (e.g. methyl-cellulose and benzyl-cellulose)	kg.
3903 90	Other cellulose products (e.g. cellulose acetobutyrate, cellulose propionate and butyral-cellulose)	kg.

3904 00	Products of hardened protein derivatives (hardened casein, hardened gelatine and the like)	kg.
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Products of natural resins (e.g. melted gums, gum esters, polymerised, oxydised and hydrogenated resins); chemical derivatives of natural rubber:

3905 10	Products of natural resins	kg.
3905 50	Derivatives of natural rubber (e.g. chlorinated rubber, muriated rubber, cyclised rubber and oxidised rubber)	kg.

VII: Artif. plastic materials and articles thereof; rubber and articles thereof

3906 00 Other artificial plastic materials, n.e.s. kg.

Articles of artificial plastic, n.e.s.:

3907 10 Household and fancy articles kg.

Lighting fixtures of all kind:

3907 21 Electric lighting fixtures (exports: 8536 11 to 8536 70) kg.

3907 29 Other lighting fixtures kg.

3907 31 Fancy articles made of artificial plastic materials kg.

Other goods made of artificial plastics:

Of cellulose materials:

Of regenerated cellulose:

3907 41 Artificial sausage casings kg.

3907 49 Other articles of regenerated cellulose kg.

3907 50 Of vulcanised fibre kg.

3907 60 Of celluloid kg.

3907 70 Of other cellulose products kg.

3907 80 Of hardened protein derivatives (hardened casein, hardened gelatine and the like) kg.

Of other artificial plastic materials with or without added paper or textile materials in any quantitative proportion:

3907 91 Floor-furniture and wall coverings, cut to size, without a base of textile materials, whether or not multi-coloured kg.

3907 93 Bobbins, spools and tubes kg.

3907 99 Other goods of artificial plastic materials kg.

VII: Artif. plastic materials and articles thereof; rubber and articles thereof

Chapter 40

Rubber (natural rubber, synthetic rubber, rubber substitutes derived from oils) and articles of rubber

General note.

1. This chapter does not include the following goods made of a combination of rubber and textiles, which fall within section XI:
 - a) Elastic woven fabrics or plaits, elastic garments, finished articles of elastic woven fabrics or plaits, elastic or rubberised knitted fabrics;
 - b) Plates, sheets, strips and profile shapes or goods of plates, sheets, strips or profile shapes, consisting:
 - 1) Of one or two ply fabric (other than elastic), covered on one or more sides with rubber of a weight per square metre not exceeding one thousand five hundred grammes;
 - 2) Of felt covered on one or more sides with rubber, in which the rubber does not exceed fifty per cent by weight;
 - c) Waterproof textile hose-piping impregnated with rubber or with an internal coating of rubber.
2. From this chapter are also excluded:
 - a) Plasters (Chapter 30), lacquers or varnishes containing rubber (Chapter 32), glues containing rubber (Chapter 35), rubber derivatives (Chapter 39);
 - b) Paper coated or impregnated with rubber (Chapter 48);
 - c) Footwear, parts of footwear and gaiters (Chapter 64);
 - d) Headgear or parts thereof including bathing caps (Chapter 65);
 - e) Whips, riding-crops, parts of umbrellas and sunshades, walking sticks and the like (Chapter 66);
 - f) Artificial flowers, leaves and fruit or parts thereof (Chapter 67);
 - g) Parts of hardened rubber for mechanical or electrical machinery and appliances as well as any articles or parts of hardened rubber for electrical engineering (Section XVI); insulating tubes or fittings of rubber, however, remain within Chapter 40 (cf. Chapter 85);
 - h) Articles of asbestos in conjunction with rubber (Chapter 68);
 - i) Clasps, buckles, buckle-clasps etc., coated or in conjunction with hardened rubber (Chapter 83);
 - k) Boats with a hull of unhardened rubber (Chapter 89);
 - l) Miscellaneous articles covered by Chapters 90, 92, 93, 94 and 96;
 - m) Games, toys and sport requisites, excluding sport gloves (Chapter 97);
 - n) Buttons, combs, hair-slides and similar articles, cigar or cigarette holders, penholders, fountain pens, ball-point-pens, pencil holders, propelling pencils and parts thereof (Chapter 98).

VII: Artif. plastic materials and articles thereof; rubber and articles thereof

3. Unless otherwise specified the expression "rubber" applies throughout this nomenclature to natural rubber, balata, gutta-percha, similar natural gums, synthetic rubber, rubber substitutes derived from oils and the regenerated products thereof.
4. Mixtures containing rubber do not fall under items 4001 10 to 4001 70 or 4002 11 to 4002 50, but under items 4006 10 to 4006 99.

I. Raw rubber

Natural rubber, balata, gutta-percha and similar natural gums, raw (including stabilised latex):

Natural rubber:

4001 10	Liquid latex	kg.
4001 21	Sole crepe	kg.
4001 29	Other natural rubber (e.g. smoked sheets, crepe)	kg.
4001 50	Balata	kg.
4001 70	Gutta-percha and other natural forms of rubber	kg.

Synthetic rubber; rubber substitutes derived from oils (factice):

Synthetic rubber:

4002 11	Liquid (in emulsion or dispersion)	kg.
4002 15	Solid	kg.
4002 50	Rubber substitutes derived from oils (factice)	kg.

Note.

Synthetic rubber is deemed to be synthetic thermoplastic substances, which can be vulcanised and which, after being vulcanised, cannot be reduced to their previous state (e.g. polybutadiene [buna], polychlorobutadiene, polybutadienestirene, polyacrylonitrile-butadiene and thio-plasts).

4003 00 Reclaimed rubber kg.

Waste, parings and powder of unhardened vulcanised rubber; worn-out articles of unhardened vulcanised rubber; the foregoing fit only for the recovery of rubber:

4004 10	Innertubes for wheels of vehicles no longer suitable for their original purpose, whether or not cut	kg.
4004 30	Tyres for wheels of vehicles no longer suitable for their original purpose, whether or not cut	kg.
4004 90	Other waste and scrap, parings and powder of unhardened rubber	kg.

VII: Artif. plastic materials and articles thereof; rubber and articles thereof

II. Unvulcanised rubber

Plates, sheets and strips of unvulcanised rubber:

4005 10	Of natural rubber	kg.
4005 90	Of other kinds of rubber (e.g. gutta-percha)	kg.

Other preparations of unvulcanised rubber:

4006 10	Solutions, emulsions and dispersions	kg.
4006 30	Textile yarns, impregnated with unvulcanised rubber	kg.
4006 50	Adhesives of all kinds for industrial use with a basis of rubber on backings of any kind (e.g. on woven fabric, felt, paper or artificial plastic materials), in sheets, strips and plaiting, whether or not cut	kg.
4006 91	Plantation sole crepe, coloured	kg.
4006 99	Other goods of unvulcanised rubber	kg.

Note.

Rubber solutions, emulsions and dispersions are deemed to be only liquid products containing rubber or similar gums, with or without added solvent or suspension liquids or simple vulcanising agents. Products containing other ingredients fall under lacquers or varnishes (Chapter 32) or glues (Chapter 35) according to their nature.

III. Articles of unhardened rubber (vulcanised)

Thread and cord of unhardened rubber, whether or not covered with textile yarns; textile yarns impregnated or coated with unhardened rubber:

4007 10	Thread and cord of vulcanised unhardened rubber not covered with textile thread:	kg.
4007 30	Thread and cord of vulcanised unhardened rubber covered with textile thread	kg.
4007 50	Textile yarns covered or impregnated with vulcanised unhardened rubber	kg.

Note.

Thread of unhardened vulcanised rubber not covered with textile thread of which the greatest dimension of the cross-section exceeds five millimetres is regarded as rubber strip of a kind falling under items 4008 21 to 4008 45.

Plates, sheets and strips of vulcanised unhardened rubber, whether or not cut to square or rectangular shapes; profile shapes:

Plates, sheets and strips:		
4008 21	Not in conjunction with other materials	kg.
4008 25	In conjunction with textile materials, metals or other materials	kg.

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Profile shapes:

4008 41	Not in conjunction with other materials	kg.
4008 45	In conjunction with textile materials, metals or other materials	kg.

Tubing and piping of unhardened vulcanised rubber:

4009 10	Not in conjunction with other materials	kg.
4009 50	In conjunction with textile materials, metals or other materials with or without fittings and other accessories of metal	kg.

Conveyor and transmission belts of unhardened vulcanised rubber:

4010 10	Not in conjunction with other materials	kg.
	In conjunction with other materials:	
4010 51	Conveyor belts	kg.
4010 53	Driving-belts	kg.
4010 55	Cone-belts	kg.

Tyres and tubes of unhardened rubber for vehicles and aircraft wheels:

Outer covers:

4011 12	Used tyres suitable for retreading or reconditioning	kg.
	Other, of a weight:	
4011 15	Exceeding seventy kilogrammes	kg.and number
4011 17	Exceeding two kilogrammes but not exceeding seventy kilogrammes	kg.and number
4011 19	Not exceeding two kilogrammes	kg.and number
4011 30	Complete sets of motor vehicle tyres (e.g. inner tube and outer cover at the same time imported or exported)	kg.and number
4011 35	Complete sets of bicycle tyres (e.g. inner tube and outer cover at the same time imported or exported)	kg.and number
4011 40	Solid tyres and cushion tyres	kg.
4011 50	Reinforced inner tubes	kg.and number
4011 60	Special aircraft tyres, not requiring inner tubes	kg.and number
	Inner tubes, of a weight:	
4011 91	Exceeding five kilogrammes	kg.and number
4011 93	Exceeding half a kilogramme but not exceeding five kilogrammes	kg.and number
4011 95	Not exceeding five kilogrammes	kg.and number

Hygienic, pharmaceutical and surgical articles of unhardened vulcanised rubber, with or without parts of hardened rubber (e.g. teats, sounds, cannulae, ice-bags or invalid air cushions in ringform):

4012 10	Dipped rubber goods (e.g. teats and prophylactics)	kg.
4012 90	Other articles of unhardened, vulcanised rubber for hygienic, pharmaceutical and surgical uses	kg.

VII: Artif. plastic materials and articles thereof; rubber and articles thereof

Gloves, articles of apparel and accessories thereto of rubber
for all purposes:

4013 10	Gloves and finger stalls	kg.
4013 90	Articles of apparel and accessories thereto	kg.

Other articles of unhardened, vulcanised rubber, n.e.s.:

4014 10	Articles of rubber, wholly or partly of moss-, foam-sponge or cellular rubber	kg.
4014 30	Roller tyres	kg.
4014 50	Erasers	kg.
4014 90	Other goods of unhardened vulcanised rubber (e.g. floor- and wall coverings, floormats, rubber rings for preser- ving jars, stationers' elastic bands, stoppers of rubber)	kg.

IV. Hardened rubber (ebonite) and articles made thereof

Hardened rubber (ebonite):

4015 10	In bulk, plates and sheets, whether or not cut into squares or rectangles, as well as rods and tubes, unworked or sur- face worked	kg.
4015 90	Scrap, waste and powder	kg.

Articles of hardened rubber, n.e.s.:

4016 10	Articles of hardened rubber for hygienic, pharmaceutical and surgical purposes	kg.
4016 90	Other articles of hardened rubber	kg.