

SECTION C – CHEMISTRY; METALLURGY

<u>CHEMISTRY</u>	
C01 INORGANIC CHEMISTRY Error! Bookmark not defined.	C05G Mixtures of fertilisers covered individually by different subclasses of class C05; Mixtures of one or more fertilisers with materials not having a specific fertilising activity, e.g. pesticides, soil-conditioners, wetting agents; Fertilisers characterised by their form Error! Bookmark not defined.
C01B Non-metallic elements; Compounds thereof Error! Bookmark not defined.	
C01C Ammonia; Cyanogen; Compounds thereof Error! Bookmark not defined.	
C01D Compounds of alkali metals, i.e. lithium, sodium, potassium, rubidium, caesium, or francium Error! Bookmark not defined.	C06 EXPLOSIVES; MATCHES Error! Bookmark not defined.
C01F Compounds of the metals beryllium, magnesium, aluminium, calcium, strontium, barium, radium, thorium, or of the rare-earth metals Error! Bookmark not defined.	C06B Explosive or thermic compositions; Manufacture thereof; Use of single substances as explosives Error! Bookmark not defined.
C01G Compounds containing metals not covered by subclasses C01D Or C01F Error! Bookmark not defined.	C06C Detonating or priming devices; Fuses; Chemical lighters; Pyrophoric compositions Error! Bookmark not defined.
C02 TREATMENT OF WATER, WASTE WATER, SEWAGE, OR SLUDGE ... Error! Bookmark not defined.	C06D Means for generating smoke or mist; Gas-attack compositions; Generation of gas for blasting or propulsion (chemical part) Error! Bookmark not defined.
C02F Treatment of water, waste water, sewage, or sludge Error! Bookmark not defined.	C06F Matches; Manufacture of matches Error! Bookmark not defined.
C03 GLASS; MINERAL OR SLAG WOOL Error! Bookmark not defined.	C07 ORGANIC CHEMISTRY .Error! Bookmark not defined.
C03B Manufacture, shaping, or supplementary processes Error! Bookmark not defined.	C07B General methods of organic chemistry; Apparatus therefor Error! Bookmark not defined.
C03C Chemical composition of glasses, glazes, or vitreous enamels; Surface treatment of glass; Surface treatment of fibres or filaments from glass, minerals or slags; Joining glass to glass or other materials Error! Bookmark not defined.	C07C Acyclic or carbocyclic compounds Error! Bookmark not defined.
C04 CEMENTS; CONCRETE; ARTIFICIAL STONE; CERAMICS; REFRACTORIES Error! Bookmark not defined.	C07D Heterocyclic compounds .. Error! Bookmark not defined.
C04B Lime; Magnesia; Slag; Cements; Compositions thereof, e.g. mortars, concrete or like building materials; Artificial stone; Ceramics; Refractories; Treatment of natural stone Error! Bookmark not defined.	C07F Acyclic, carbocyclic, or heterocyclic compounds containing elements other than carbon, hydrogen, halogen, oxygen, nitrogen, sulfur, selenium, or tellurium Error! Bookmark not defined.
C05 FERTILISERS; MANUFACTURE THEREOF Error! Bookmark not defined.	C07G Compounds of unknown constitution Error! Bookmark not defined.
C05B Phosphatic fertilisers Error! Bookmark not defined.	C07H Sugars; Derivatives thereof; Nucleosides; Nucleotides; Nucleic acids Error! Bookmark not defined.
C05C Nitrogenous fertilisers Error! Bookmark not defined.	C07J Steroids Error! Bookmark not defined.
C05D Inorganic fertilisers not covered by subclasses C05B, C05C; Fertilisers producing carbon dioxide Error! Bookmark not defined.	C07K Peptides Error! Bookmark not defined.
C05F Organic fertilisers not covered by subclasses C05B, C05C, e.g. fertilisers from waste or refuse Error! Bookmark not defined.	C08 ORGANIC MACROMOLECULAR COMPOUNDS; THEIR PREPARATION OR CHEMICAL WORKING-UP; COMPOSITIONS BASED THEREON Error! Bookmark not defined.
	C08B Polysaccharides; Derivatives thereof Error! Bookmark not defined.
	C08C Treatment or chemical modification of rubbers Error! Bookmark not defined.
	C08F Macromolecular compounds obtained by reactions only involving carbon-to-carbon unsaturated bonds Error! Bookmark not defined.
	C08G Macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds Error! Bookmark not defined.
	C08H Derivatives of natural macromolecular compounds Error! Bookmark not defined.
	C08J Working-up; General processes of compounding; After-treatment not covered by subclasses C08B, C08C, C08F, C08G or C08H Error! Bookmark not defined.

C08K	Use of inorganic or non-macromolecular organic substances as compounding ingredients Error! Bookmark not defined.	C10M	Lubricating compositions; Use of chemical substances either alone or as lubricating ingredients in a lubricating composition Error! Bookmark not defined.
C08L	Compositions of macromolecular compounds Error! Bookmark not defined.	C10N	Indexing scheme associated with subclass C10M Error! Bookmark not defined.
C09	DYES; PAINTS; POLISHES; NATURAL RESINS; ADHESIVES; COMPOSITIONS NOT OTHERWISE PROVIDED FOR; APPLICATIONS OF MATERIALS NOT OTHERWISE PROVIDED FOR Error! Bookmark not defined.	C11	ANIMAL OR VEGETABLE OILS, FATS, FATTY SUBSTANCES OR WAXES; FATTY ACIDS THEREFROM; DETERGENTS; CANDLES Error! Bookmark not defined.
C09B	Organic dyes or closely-related compounds for producing dyes; Mordants; Lakes Error! Bookmark not defined.	C11B	Producing (pressing, extraction), refining or preserving fats, fatty substances (e.g. lanolin), fatty oils or waxes, including extraction from waste materials; Essential oils; Perfumes Error! Bookmark not defined.
C09C	Treatment of inorganic materials, other than fibrous fillers, to enhance their pigmenting or filling properties; Preparation of carbon black Error! Bookmark not defined.	C11D	Fatty acids from fats, oils or waxes; Candles; Fats, oils or fatty acids by chemical modification of fats, oils, or fatty acids obtained therefrom Error! Bookmark not defined.
C09D	Coating compositions, e.g. paints, varnishes, lacquers; Filling pastes; Chemical paint or ink removers; Inks; Correcting fluids; Woodstains; Pastes or solids for colouring or printing; Use of materials therefor Error! Bookmark not defined.	C11D	Detergent compositions; Use of single substances as detergents; Soap or soap-making; Resin soaps; Recovery of glycerol Error! Bookmark not defined.
C09F	Natural resins; French polish; Drying-oils; Driers (siccatives); Turpentine.... Error! Bookmark not defined.	C12	BIOCHEMISTRY; BEER; SPIRITS; WINE; VINEGAR; MICROBIOLOGY; ENZYMOLOGY; MUTATION OR GENETIC ENGINEERING Error! Bookmark not defined.
C09G	Polishing compositions other than french polish; Ski waxes Error! Bookmark not defined.	C12C	Brewing of beer Error! Bookmark not defined.
C09H	Preparation of glue or gelatine Error! Bookmark not defined.	C12F	Recovery of by-products of fermented solutions; Denaturing of, or denatured, alcohol Error! Bookmark not defined.
C09J	Adhesives; Adhesive processes in general (non-mechanical part); Adhesive processes not provided for elsewhere; Use of materials as adhesives Error! Bookmark not defined.	C12G	Wine; Other alcoholic beverages; Preparation thereof Error! Bookmark not defined.
C09K	Materials for applications not otherwise provided for; Applications of materials not otherwise provided for Error! Bookmark not defined.	C12H	Pasteurisation, sterilisation, preservation, purification, clarification, ageing of alcoholic beverages or removal of alcohol therefrom Error! Bookmark not defined.
C10	PETROLEUM, GAS OR COKE INDUSTRIES; TECHNICAL GASES CONTAINING CARBON MONOXIDE; FUELS; LUBRICANTS; PEAT Error! Bookmark not defined.	C12J	Vinegar; Its preparation Error! Bookmark not defined.
C10B	Destructive distillation of carbonaceous materials for production of gas, coke, tar, or similar materials Error! Bookmark not defined.	C12L	Pitching or depitching machines; Cellar tools Error! Bookmark not defined.
C10C	Working-up tar, pitch, asphalt, bitumen; Pyroligneous acid..... Error! Bookmark not defined.	C12M	Apparatus for enzymology or microbiology Error! Bookmark not defined.
C10F	Drying or working-up of peat Error! Bookmark not defined.	C12N	Micro-organisms or enzymes; Compositions thereof; Propagating, preserving, or maintaining micro-organisms; Mutation or genetic engineering; Culture media Error! Bookmark not defined.
C10G	Cracking hydrocarbon oils; Production of liquid hydrocarbon mixtures, e.g. by destructive hydrogenation, oligomerisation, polymerisation; Recovery of hydrocarbon oils from oil-shale, oil-sand, or gases; Refining mixtures mainly consisting of hydrocarbons; Reforming of naphtha; Mineral waxes... Error! Bookmark not defined.	C12P	Fermentation or enzyme-using processes to synthesise a desired chemical compound or composition or to separate optical isomers from a racemic mixture Error! Bookmark not defined.
C10H	Production of acetylene by wet methods Error! Bookmark not defined.	C12Q	Measuring or testing processes involving enzymes or micro-organisms; Compositions or test papers therefor; Processes of preparing such compositions; Condition-responsive control in microbiological or enzymological processes Error! Bookmark not defined.
C10J	Production of producer gas, water-gas, synthesis gas from solid carbonaceous material, or mixtures containing these gases; Carburetting air or other gases Error! Bookmark not defined.	C12R	Indexing scheme associated with subclasses C12C to C12Q Or C12S, relating to micro-organisms Error! Bookmark not defined.
C10K	Purifying or modifying the chemical composition of combustible gases containing carbon monoxide Error! Bookmark not defined.	C12S	Processes using enzymes or micro-organisms to liberate, separate or purify a pre-existing compound or composition; Processes using enzymes or micro-organisms to treat textiles or to clean solid surfaces of materials Error! Bookmark not defined.
C10L	Fuels not otherwise provided for; Natural gas; Synthetic natural gas obtained by processes not covered by subclasses C10G, C10K; Liquefied petroleum gas; Adding materials to fuels or fires to reduce smoke or undesirable deposits or to facilitate soot removal; Fire-lighters Error! Bookmark not defined.	C13	SUGAR INDUSTRY Error! Bookmark not defined.
		C13C	Cutting mills; Shredding knives; Pulp presses Error! Bookmark not defined.

C13D	Production or purification of sugar juices	Error! Bookmark not defined.	C23C	Coating metallic material; Coating material with metallic material; Surface treatment of metallic material by diffusion into the surface, by chemical conversion or substitution; Coating by vacuum evaporation, by sputtering, by ion implantation or by chemical vapour deposition, in general	Error! Bookmark not defined.
C13F	Preparation or processing of raw sugar, sugar, or syrup	Error! Bookmark not defined.			
C13G	Evaporation apparatus; Boiling pans	Error! Bookmark not defined.			
C13H	Cutting machines for sugar; Combined cutting, sorting and packing machines for sugar	Error! Bookmark not defined.			
C13J	Extraction of sugar from molasses	Error! Bookmark not defined.			
C13K	Glucose; Invert sugar; Lactose; Maltose; Synthesis of sugars by hydrolysis of di- or polysaccharides	Error! Bookmark not defined.			
C14	SKINS; HIDES; PELTS; LEATHER	Error! Bookmark not defined.			
C14B	Mechanical treatment or processing of skins, hides, or leather in general; Pelt-shearing machines; Intestine-splitting machines	Error! Bookmark not defined.			
C14C	Chemical treatment of hides, skins or leather, e.g. tanning, impregnating, finishing; Apparatus therefor; Compositions for tanning	Error! Bookmark not defined.	C23D	Enamelling of, or applying a vitreous layer to, metals	Error! Bookmark not defined.
			C23F	Non-mechanical removal of metallic material from surfaces; Inhibiting corrosion of metallic material; Inhibiting incrustation in general; Multi-step processes for surface treatment of metallic material involving at least one process provided for in class C23 And at least one process covered by subclass C21D Or C22F Or class C25	Error! Bookmark not defined.
<u>METALLURGY</u>					
C21	METALLURGY OF IRON	Error! Bookmark not defined.	C23G	Cleaning or de-greasing of metallic material by chemical methods other than electrolysis	Error! Bookmark not defined.
C21B	Manufacture of iron or steel	Error! Bookmark not defined.			
C21C	Processing of pig-iron, e.g. refining, manufacture of wrought-iron or steel; Treatment in molten state of ferrous alloys	Error! Bookmark not defined.	C25	ELECTROLYTIC OR ELECTROPHORETIC PROCESSES; APPARATUS THEREFOR	Error! Bookmark not defined.
C21D	Modifying the physical structure of ferrous metals; General devices for heat treatment of ferrous or non-ferrous metals or alloys; Making metal malleable by decarburisation, tempering, or other treatments	Error! Bookmark not defined.	C25B	Electrolytic or electrophoretic processes for the production of compounds or non- metals; Apparatus therefor	Error! Bookmark not defined.
			C25C	Processes for the electrolytic production, recovery or refining of metals; Apparatus therefor	Error! Bookmark not defined.
			C25D	Processes for the electrolytic or electrophoretic production of coatings; Electroforming; Joining workpieces by electrolysis; Apparatus therefor	Error! Bookmark not defined.
C22	METALLURGY; FERROUS OR NON-FERROUS ALLOYS; TREATMENT OF ALLOYS OR NON-FERROUS METALS	Error! Bookmark not defined.	C25E	Processes for the electrolytic removal of materials from objects; Apparatus therefor	Error! Bookmark not defined.
C22B	Production or refining of metals; Pretreatment of raw materials	Error! Bookmark not defined.			
C22C	Alloys	Error! Bookmark not defined.	C30	CRYSTAL GROWTH	Error! Bookmark not defined.
C22F	Changing the physical structure of non-ferrous metals or non-ferrous alloys	Error! Bookmark not defined.	C30B	Single-crystal growth; Unidirectional solidification of eutectic material or unidirectional demixing of eutectoid material; Refining by zone-melting of material; Production of a homogeneous polycrystalline material with defined structure; Single crystals or homogeneous polycrystalline material with defined structure; After-treatment of single crystals or a homogeneous polycrystalline material with defined structure; Apparatus therefor	Error! Bookmark not defined.

COMBINATORIAL TECHNOLOGY

C99

SUBJECT MATTER NOT OTHERWISE

PROVIDED FOR IN THIS SECTIONError! Bookmark not defined.

C40

COMBINATORIAL TECHNOLOGYError! Bookmark not defined.

C99Z

Subject matter not otherwise provided for in this
section..... **Error! Bookmark not defined.**

C40B

Combinatorial chemistry; Libraries, e.g. chemical
libraries,IN SILICOLibraries**Error! Bookmark not defined.**