Table(2) Formulation

UC code (#)	Use Category (UC)	SUC code	Sub Use Category (SUC)	[Formulation1] Emission Factors to Air						[Formulation2] Emission Factors to Air					
				Vapor Pressure (Pa)						Vapor Pressure (Pa)					
				<1	1-10	10-100	100-1,000	1,000-10,000	≧10,000	<1	1-10	10-100	100-1,000	1,000-10,000	≧10,000
	Intermediates														
01	Intermediates	a	Synthetic raw materials, polymerization raw materials, prepolymers												
		b	Polymerization initiators	0.00025	0.00025	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00025	0.00025	0.0005	0.001	0.0025	0.0025						
	Solvents														
02	Solvents for paints, varnishes, coatings, printing inks and biocidal products	a	Solvents for paints	0.0005	0.001	0.001	0.0025	0.005	0.005						
		b	Solvents for paint removers	0.0005	0.001	0.001	0.0025	0.005	0.005						
		c	Solvents for varnishes	0.0005	0.001	0.001	0.0025	0.005	0.005						
		d	Solvents for coatings, solvents for resist inks	0.0005	0.001	0.001	0.0025	0.005	0.005						
		e	Solvents for printing inks, solvents for devices	0.0005	0.001	0.001	0.0025	0.005	0.005						
		f	Solvents for biocidal products	0.0005	0.001	0.001	0.0025	0.005	0.005						
		z	Others	0.0005	0.001	0.001	0.0025	0.005	0.005						
03	Solvents for adhesives, pressure sensitive adhesives and sealants	a	Solvents for diluent of adhesives, solvents for pressure sensitive adhesives	0.00025	0.00025	0.0005	0.0025	0.0025	0.0025						
		b	Solvents for adhesive removers	0.00025	0.00025	0.0005	0.0025	0.0025	0.005						
		c	Solvents for binding plastic resins, solvents for rubber resins	0.00025	0.00025	0.0005	0.0025	0.0025	0.0025						
		d	Solvents for sealants	0.00025	0.00025	0.0005	0.0025	0.0025	0.0025						
		z	Others	0.00025	0.00025	0.0005	0.0025	0.0025	0.005						
04	Solvents for cleaning and degreasing metals	a	Solvents for cleaning, solvents for degreasing metals	0.0005	0.0005	0.001	0.0025	0.005	0.005						
		z	Others	0.0005	0.0005	0.001	0.0025	0.005	0.005						
05	Solevents for cleaning fablics 《laundry, dry cleaning industry》	a	Solvents for dry cleaning	0.0005	0.0005	0.001	0.0025	0.005	0.005						
		b	Solvents for stain removals, solvents for extracting of dry cleaning agents	0.0005	0.0005	0.001	0.0025	0.005	0.005						
		z	Others	0.0005	0.0005	0.001	0.0025	0.005	0.005						
06	Solvents for cleaning others [excl. #04,05]	a	Photoresist developing solvents, resist removing solvents	0.000025	0.000025	0.00005	0.0001	0.00025	0.00025						
		z	Others	0.000025	0.000025	0.00005	0.0001	0.00025	0.00025						
07	Solvents for chemical manufacture and processing [excl. #02-06]	a	Solvents for synthesis	0.000025	0.000025	0.00005	0.0001	0.00025	0.00025						
		b	Solvents for spinning, solvents for membranes	0.000025	0.000025	0.00005	0.0001	0.00025	0.00025						
		c	Solvents for extraction, purification and refinings	0.000025	0.000025	0.00005	0.0001	0.00025	0.00025						
		d	Solvents for diluents	0.000025	0.000025	0.00005	0.0001	0.00025	0.00025						
		z	Others	0.000025	0.000025	0.00005	0.0001	0.00025	0.00025						
08	Solvents for aerosol	a	Solvents for aerosol, aerosol propellants	0.00025	0.00025	0.0005	0.001	0.0025	0.03						
		z	Others	0.00025	0.00025	0.0005	0.001	0.0025	0.03						
09	Other solvents	z	Other solvents	0.0005	0.001	0.001	0.0025	0.005	0.03						
	Not solvents														
10	Chemical process regulators	a	Catalysts, catalyst supports	0.00001	0.0001	0.0005	0.001	0.0025	0.0025						
		b	Ion exchange resins, ion exchange membranes, separation membranes, diaphragms, dewaxing agents	0.000001	0.00001	—	—	—	—						
		c	Emulsifiers, dispersing agents	0.00001	0.0001	0.0005	0.001	0.0025	0.0025						
		d	Polymerization regulators, polymerization inhibitors, stabilizers	0.00001	0.0001	0.0005	0.001	0.0025	0.0025						
		e	Optical resolution agents	0.00001	0.00005	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00001	0.0001	0.0005	0.001	0.0025	0.0025						
11	Colorants [excl. #12,13,15,16,25,26,29]	a	Coloring agents (e.g. dyes, pigments)	0.000005	0.00001	0.00005	0.0001	—	—						
		b	Fluorescent brightening agents	0.00001	0.000025	0.00005	0.0001	—	—						
		c	Color formers, color developers	0.00001	0.000025	0.00005	0.0001	0.00025	0.00025						
		z	Others	0.00001	0.000025	0.00005	0.0001	0.00025	0.00025						
12	Washing and cleaning products (I) 《Industrial use》 [excl. #25,26]	a	Surface active agents	0.000005	0.00001	0.0001	0.00025	0.0005	0.0005						
		b	Inorganic alkalis, organic alkalis, inorganic acids, organic acids, bleaching agents	0.000005	0.00001	0.0001	0.00025	0.0005	0.0005						
		c	Builders and additives (e.g. chelating agents, anti-redeposition agents, anti-foaming agents)	0.000005	0.00001	0.00005	0.00025	0.0005	0.0005						
		d	Corrosion inhibitors	0.00001	0.00005	0.0001	0.00025	0.0005	0.0005						
		z	Others	0.00001	0.00005	0.0001	0.00025	0.0005	0.0005						
13	Washing and cleaning products (II) 《Household use, Institutional use》	a	Surface active agents	0.000005	0.00001	0.0001	0.00025	0.0005	0.0005						
		b	Softening agents	0.00001	0.00005	0.0001	0.00025	0.0005	0.0005						
		c	Inorganic alkalis, organic alkalis, inorganic acids, organic acids, bleaching agents	0.000005	0.00001	0.0001	0.00025	0.0005	0.0005						
		d	Builders and additives (e.g. chelating agents, anti-redeposition agents, enzymes, fluorescent brighteners, UV absorbers)	0.000005	0.00001	0.0001	0.00025	0.0005	0.0005						
		z	Others	0.00001	0.00005	0.0001	0.00025	0.0005	0.0005						
14	Polishes and wax blends (e.g. for floors, cars, leathers)	a	Waxes	0.00001	0.0001	0.0005	0.001	0.0025	0.0025						
		b	Emulsifiers, dispersing agents	0.00001	0.0001	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00001	0.0001	0.0005	0.001	0.0025	0.0025						
15	Paints and coatings [incl. primers]	a	Resins for paints, resins for coatings	0.000001	0.00001	—	—	—	—						
		b	Colorants (e.g. dyes, pigments, bright agents)	0.00001	0.00005	0.0005	0.001	—	—						
		c	Monomers/oligomers for curing coating materials, binder components	0.000005	0.00005	0.00025	0.0005	0.001	0.0025						
		d	Crosslinking agents, curing agents, thickeners, polymerization initiators, photoacid generators, photobase generators	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		e	Plasticizers, fillers	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		f	Stabilizers	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		g	Anti-skinning agents, thickeners, anti-foaming agents, anti-blocking agents, levelling agents, conductive agents	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		h	Emulsifiers, dispersing agents, wetting agents, penetrants, surface conditioners, film-forming agents	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		i	Corrosion inhibitors, anti-corrosive agents, preservatives, antimicrobial agents (antifungal agents, antibacterial agents)	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		j	Siccatives, wetting agents, flame retardants, water repellent agents	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
16	Printing ink and toners [incl. ink for stationaries and resist inks]	a	Resins for printing inks, resins for toners	0.000001	0.00001	—	—	—	—						
		b	Colorants (e.g. dyes, pigments), thermosensitive dyes, pressure-sensitive dyes, fluorescent brighteners, developers	0.00001	0.00005	0.0005	0.001	0.0025	0.0025						
		c	Monomers/oligomers for radiation curable inks, sensitizers, photo initiators	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		d	Plasticizers, fillers	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		e	Stabilizers	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		f	Anti-skinning agents, thickeners, anti-foaming agents, anti-blocking agents	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		g	Emulsifiers, dispersing agents, wetting agents, penetrants, film-forming agents	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		h	Charge control agents, flow agents , rub resistant agents, slipping agents	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		i	Siccatives, pre-wetting agents	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
17	Antifoulants for ship bottom paints, antifoulants for fish nets	a	Resins for antifoulants [incl. additives]	0.000001	0.00001	0.0001	0.001	0.0025	0.0025						
		b	Antifoulants for ship bottom paints	0.000005	0.00001	0.0001	0.0001	—	—						
		c	Antifoulants for fish nets	0.000005	0.00001	0.0001	0.0001	—	—						
		z	Others	0.000005	0.00001	0.0001	0.001	0.0025	0.0025						
18	Biocidal products (I) [On to/in to articles]	a	Antimicrobial agents (antifungal agents, antibacterial agents), insecticides, presevatives, anti-ant agents	0.00005	0.0001	0.00025	0.0005	0.001	0.001						
		b	Spreading agents, emulsifiers	0.00005	0.0001	0.00025	0.0005	0.001	0.001						
		z	Others	0.00005	0.0001	0.00025	0.0005	0.001	0.001						

Table(2) Formulation

UC code (#)	Use Category (UC)	SUC code	Sub Use Category (SUC)	[Formulation1] Emission Factors to Air						[Formulation2] Emission Factors to Air					
				Vapor Pressure (Pa)						Vapor Pressure (Pa)					
				<1	1-10	10-100	100-1,000	1,000-10,000	≧10,000	<1	1-10	10-100	100-1,000	1,000-10,000	≧10,000
19	Biocidal products (II) [Not onto/in to articles] 《Industrial use》	a	Biocides for nuisance (insect control agents, insect attractants, insecticide synergists)	0.00005	0.0001	0.00025	0.0005	0.001	0.001						
		b	Gas sterilants, fumigants	0.00005	0.0001	0.00025	0.0005	0.001	0.001						
		c	Antimicrobial agents (antifungal agents, antibacterial agents), disinfectants, preservatives	0.00005	0.0001	0.00025	0.0005	0.001	0.001						
		d	Spreading agents, emulsifiers	0.00005	0.0001	0.00025	0.0005	0.001	0.001						
		z	Others	0.00005	0.0001	0.00025	0.0005	0.001	0.001						
20	Biocidal products (III) 《Household use, Institutional use》	a	Biocides for nuisance	0.00005	0.0001	0.00025	0.0005	0.001	0.001						
		b	Biocides for fabric insect pest, moth repellent	0.00005	0.0001	0.00025	0.0005	0.001	0.001						
		c	Anti-ant agents	0.00005	0.0001	0.00025	0.0005	0.001	0.001						
		d	Antimicrobial agents (antifungal agents, antibacterial agents), disinfectants, preservatives	0.00005	0.0001	0.00025	0.0005	0.001	0.001						
		e	Non-crop land herbicides	0.00005	0.0001	0.00025	0.0005	0.001	0.001						
		f	Spreading agents, emulsifiers	0.00005	0.0001	—	—	—	—						
		z	Others	0.00005	0.0001	0.00025	0.0005	0.001	0.001						
21	Explosive products [incl. fireworks]	a	Low explosives, high exposives, explosive devices[excl. #21-b], fireworks	0.00005	0.001	0.001	0.001	0.0025	0.0025						
		b	Gas generants for automotive safety devices	0.00005	0.001	0.001	0.001	0.0025	0.0025						
		z	Others	0.00005	0.001	0.001	0.001	0.0025	0.0025						
22	Air fresheners, deodorizers	a	Fragrances (for washing and cleaning products) [excl. #22-b,c]	0.000005	0.00001	0.00005	0.00025	0.0005	0.0005	0.000005	0.00001	0.00005	0.00025	0.0005	0.0005
		b	Air fresheners							0.00005	0.0001	0.00025	0.0005	0.001	0.001
		c	Deodorizers							0.00005	0.0001	0.00025	0.0005	0.001	0.001
		d	Emulsifiers, dispersing agents							0.00005	0.0001	0.00025	0.0005	0.001	0.001
		z	Others	0.000005	0.00001	0.00005	0.00025	0.0005	0.0005	0.00005	0.0001	0.00025	0.0005	0.001	0.001
23	Adhesives and sealants	a	Resins for adhesives, resins for sealants	0.000001	0.00001	—	—	—	—						
		b	Binder components (e.g. monomers, prepolymers, curing agents, curing accelerators, initiators, coupling agents)	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		c	Plasticizers, fillers	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		d	Stabilizers	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		e	Anti-skinning agents, thickening agents, anti-foaming agents, anti-blocking agents, leveling agents	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		f	Surface control agents, dispersing agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		g	Preservatives, antimicrobial agents (antifungal agents, antibacterial agents)	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		h	Flame retardants, electroconductive agents	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
24	Photoresist materials, photographic materials and printing plate materials	a	Photo-, electron sensitive resins (e.g. photoresists, presensitized plates)	0.000001	0.00001	—	—	—	—						
		b	Monomer/oligomers of photo-, electron sensitive resins	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		c	Photoresists, photoreceptors for electrography, photopolymerization initiators, photoacid generators, photobase generators	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		d	Dye-forming couplers	0.00005	0.00025	—	—	—	—						
		e	Emulsifiers, dispersing agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		f	Fixing agents, stabilizers	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		g	Hardening agents, sensitizers, desensitizers, crosslinking density enhancers, polymerization initiators, resist additives	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		h	Developers, water-soluble processing agents, resist removers	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
25	Textile products [incl. nonwoven fabric processing]	a	Base materials for articles (synthetic fibers, nonwovens)	0.000001	0.00001	—	—	—	—						
		b	Coloring agents (e.g. dyes, pigments), fluorescent brightening agents	0.000005	0.00005	0.00005	0.0001	—	—						
		c	Sizing agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		d	Anti-flaming agents, flame retardants	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		e	Impregnated reinforcing agents, dye fixing agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		f	Anti-static agents, hydrophilic agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		g	Softening agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		h	Form stabilizing agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		i	Water repellent agents, oil repellent agents, water proofing agents, soil resistant finishing agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		j	Antimicrobial agents (antifungal agents, antibacterial agents), anti-discoloration agents, UV absorbers	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		k	Spinning, knitting and weaving oils, spinning, knitting and weaving oil aids	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		l	Washing agents, scouring and washing agents, lubricants	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		m	Chleting agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		n	Bleaching agents, discharging agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		o	Levelling agents, penetrants, dyeing accelerators, mordanting assistants, printing pastes	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		p	Emulsifiers, dispersing agents, anti-forming agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		q	Mercerizing assistants	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		r	Desizing agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		z	Others	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
26	Paper and boad products	a	Colorants (e.g. dyes, pigments), fluorescent brightening agents	0.000005	0.00005	0.00005	—	—	—						
		b	Sizing agents, fixing agents, fillers	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		c	Coating agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		d	Anti-flaming agents, flame retardants, anti-static agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		e	Paper strength additives, retention aids, fixing agents, corrosion inhibitors	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		f	Water repellent agents, oil repellent agents, water proofing agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		g	Bulking promoters, softening agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		h	Cooking liquors, pH regulators	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		i	Slimicides, pitch control agents	0.000005	0.00005	0.00025	0.0005	0.001	0.001						
		j	Bleaching agents, stabilizers for bleaching bath	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		k	Emulsifiers, dispersing agents, anti-forming agents, de-inking agents, detergents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		z	Others	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						

Table(2) Formulation

UC code (#)	Use Category (UC)	SUC code	Sub Use Category (SUC)	[Formulation1] Emission Factors to Air						[Formulation2] Emission Factors to Air					
				Vapor Pressure (Pa)						Vapor Pressure (Pa)					
				<1	1-10	10-100	100-1,000	1,000-10,000	≧10,000	<1	1-10	10-100	100-1,000	1,000-10,000	≧10,000
27	Plastic products	a	Base materials for molded products(e.g. plastics, artificial leathers, artificial papers, foam products)	0.000001	0.00001	—	—	—	—						
		b	Super water-absorbing materials	0.000001	0.00001	—	—	—	—						
		c	Plasticizers, dispersing agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		d	Stabilizers	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		e	Fillers, diluents, polymer decomposition	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		f	Nucleating agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		g	Internal lubricants, internal mold release agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		h	Anti-clouding agents, anti-foaing agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		i	Flame retardants, anti-static agents, wavelength conversion agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		j	External lubricants, external mold release agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		k	Foaming agents, radical generators	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		l	Casting, foam casting materials (e.g. monomers, prepolymers)	0.000005	0.00005	0.0001	0.001	0.0025	0.0025						
		m	Curing agents, closslinking agents, closslinking aids, sensitizers, polymerization initiators	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		n	Curing accelerators	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
	[excl. #15.16.23.25.28]	x	Other additives (e.g. reforming agents)	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
	[Colorants : #11]	z	Others	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
28	Rubber products	a	Base materials for molded products (e.g. elastomers, synthetic rubbers)	0.000001	0.00001	—	—	—	—						
		b	Vulcanization accelerators, vulcanization accelerator activators	0.000005	0.00005	0.0005	—	—	—						
		c	Vulcanizing agents, crosslinking agents, crosslinking coagents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		d	Plasticizers, reinforcing materials, fillers	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		e	Stabilizers (e.g. anti-degradants, anti-oxidants)	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		f	Anti-scorch agents, masticating accelerators (peptizering agents), internal lubricants, internal release agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		g	Latex coagulants, emulsifyings, dispersing agents, anti-settling agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		h	Flame retardants, anti-static agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		i	External lubricants, external mold release agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		j	Blowing agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		k	Rubber reclaiming agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		x	Other additives	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
	[Colorants : #11]	z	Others	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
29	Leather products	a	Tanning agents	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		b	Tanning finishing agents (e.g. bleaching agents, colorants and auxiliaries, water repellent agents, leather oils, defatting agents, fatliquoring agents)	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		c	Pretanning agents (e.g. defatting agents, deliming agents)	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
30	Glass, enamel and cement products	a	Glass raw materials	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		b	Glass additives (e.g. tenpering agents, sizing agents, anti-clouding agents, UV cutting agents)	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		c	Glass processing aids (e.g. mold release agents, pH regulators)	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		d	Enamel raw materials	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		e	Enamel additives (e.g. transfer printing agents, materials for frit production)	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		f	Enamel processing aids (e.g. neutralizing agents, nickel-treatment agents)	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		g	Cement raw materials							0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
		h	Cement additives (e.g. additives for blended cements, expansive agents, hardening agents)	0.000005	0.00005	0.0005	0.001	0.0025	0.0025	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
	[Colorants : #11]	z	Others	0.000005	0.00005	0.0005	0.001	0.0025	0.0025	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
31	Ceramics and porcelain, refractory and fine ceramics products	a	Raw materials of ceramics, raw materials of porcelain, refractory raw materials, fine ceramics raw materials	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		b	Ceramics additives, porcelain additives, refractories additives, fine ceramics additives (e.g. sintering aids)	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		c	Molding aids (e.g. binders, thickeners, plasticizers, lubricants, dispersing agents)	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
	[Colorants : #11, fine ceramics for electron : #38]	d	Lubricants, mold release agents	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
32	Grinding wheel, abrasive compound, friction material and solid lubricant products	a	Raw materials of grinding wheel , raw materials of abrasive compound, raw materials of friction material, raw materials of solid lubricant	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		b	Grinding wheel additives, abrasive compound additives, friction material additives, solid lubricant additives	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		c	Lubricants, mold release agents	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
	[Colorants : #11]	z	Others	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
33	Metal products	a	Metal additives (e.g. inoculation agents)	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
	[Raw materials of metal and alloy : #1, colorants : #11, surface treatment products : #34, welding and soldering products : #35, metal working fluids : #37]	b	Metalworking aids (e.g. fluxes)	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		c	Molding sand binders, curing agents for binders, molding sand additives	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		d	Release agents	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
34	Surface treatment chemicals	a	Plating agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		b	Plating bath additives	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		c	Chemical conversion coating agents	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
	[Defatting and/or cleaning agents used for pre- or post-treatment of plating : #04 (non-aqueous, semi-aqueous) or #12 (aqueous)]	d	Vacuum plating agents (for e.g. chemical vapor deposition), thermal spraying agents	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		e	Surface-hardening treatment agents (for e.g. carburizing, nitriding)	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		f	Fluorinating agents, silylating agents	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
	[excl. #4-6,12-15,17,25-27,30-32,38,44]	g	Etching agents, sputter etching agents, abrasive blasting materials	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
35	Welding and soldering products	a	Welding fluxes	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		b	Brazing and soldering fluxes (e.g. anti-oxidant materials for solder bath)	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
		c	Welding gas, gas for fusion cutting	—	—	—	—	—	0.0025						
		z	Others	0.00005	0.00025	0.0005	0.001	0.0025	0.0025						
36	Hydraulic fluids, insulating oils, process oils, lubricating oils (e.g. engine oils, bearing oils, compressor oils, greases)	a	Base oils for hydraulic fluids, lubricating oils	0.000001	0.00001										
		b	Base oils for insulating oils	0.000001	0.00001	—	—	—	—						
		c	Base oils for process oils	0.000001	0.00001	—	—	—	—						
		d	Thickeners	0.000001	0.00001	—	—	—	—						
		e	Additives for hydraulic fluids, lubricating oils	0.000001	0.00001	0.00005	0.00025	0.0025	0.0025						
		f	Additives for insulating oils	0.000001	0.00001	0.00005	0.00025	0.0025	0.0025						
		g	Additives for process oils	0.000001	0.00001	0.00005	0.00025	0.0025	0.0025						
	[excl. #37]	z	Others	0.000001	0.00001	0.00005	0.00025	0.0025	0.0025						

Table(2) Formulation

UC code (#)	Use Category (UC)	SUC code	Sub Use Category (SUC)	[Formulation1] Emission Factors to Air						[Formulation2] Emission Factors to Air					
				Vapor Pressure (Pa)						Vapor Pressure (Pa)					
				<1	1-10	10-100	100-1,000	1,000-10,000	≧10,000	<1	1-10	10-100	100-1,000	1,000-10,000	≧10,000
37	Metalworking fluids (e.g. cutting oils, rolling oils, press oils, quenching oils), rust preventive oils	a	Base oils for water-soluble metalworking fluids	0.000005	0.00001	—	—	—	—						
		b	Base oils for water-insoluble metalworking fluids, rust preventive oils	0.000005	0.00001	—	—	—	—						
		c	Additives for water-soluble metalworking fluids	0.000005	0.00001	0.00005	0.00025	0.0025	0.0025						
		d	Additives for water-insoluble metalworking fluids, rust preventive oils	0.000005	0.00001	0.00005	0.00025	0.0025	0.0025						
		z	Others	0.000005	0.00001	0.00005	0.00025	0.0025	0.0025						
38	Electrical and electronic products [incl. chemicals used for production of subject materials] [Insulating oils: #36]	a	Magnetic materials[excl. #38-f], electrical conductive materials, superconductive materials, fluorescent materials	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		b	Semiconductor materials, organic semiconductor materials, liquid crystal materials	0.00005	0.00005	0.0001	0.00025	0.0005	0.0005						
		c	Dielectric materials, electrical resistance materials, solid electrolyte materials, electrolytic solution materials, separator materials for fuel cell	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		d	Optical waveguide materials[incl. optical fibers], optical film materials, optical materials for electronic devices	0.00005	0.00005	0.0001	0.00025	0.0005	0.0005						
		e	Encapsulation materials, insulating materials, shielding materials	0.00005	0.00005	0.0005	0.001	0.0025	0.0025						
		f	Electronic storage media materials	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
39	Electrical batteries	a	Solid electrolytes, electrolytic solution materials, electrical insulators, battery separators	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		b	Electrode materials (e.g. cathode and anode active materials, current collectors, current collectors, binders), depolarizers	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
40	Water treatment chemicals	a	Corrosion and rust preventive agents, scale inhibitors, algicides	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		b	Metal ion scavengers, sequestering agents, water softeners	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		c	Ion exchangers, separation membranes	0.000001	0.00001	—	—	—	—						
		d	Oxidants, reductants, pH regulators	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		e	Anti-foaming agents, floculants, filter aids , d ewatering aids, ion exchange resin regeneration agents	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
41	Desiccants and absorbents	a	Desiccants	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		b	Adsorbents (e.g. deodorizers, denitration agents, gas absorbents)	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		c	Absorbents (e.g. oxygen scavengers)	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
42	Heat transfer fluids	a	Refrigerants, coolants	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		b	Heating mediums	0.000005	0.00001	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
43	Anti-freeze and de-icing products	a	Anti-freezing agents	0.000005	0.00001	0.0005	0.001	0.0025	0.0025						
		b	Anti-corrosive agents, corrosive inhibitors	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		z	Others	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
44	Additives for building materials and constructional articles (e.g. concrete admixtures, Wood impregnating agents)	a	Surface hardening agents	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		b	Concrete admixtures(e.g. air entraining agents, water-reducing agents)	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		c	Release agents, anti-foaming agents	0.000005	0.00005	0.0005	0.001	0.0025	0.0025						
		d	Wood impregnating agents, additives to wooden plates	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		e	Antifoulants[excl. #17-b, c], water proofing agents, water repellent agents	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
45	Additives for building materials and constructional articles (e.g. snow melting agents, soil conditioners, fire extinguisher agents)	a	Anti-freezing agents(e.g. snow melting agents)	0.00005	0.0001	0.0005	—	—	—						
		b	Soil conditioners (for e.g. soil improvements, soil stabilizations)	0.00005	0.0001	0.0005	—	—	—						
		c	Fire extinguisher agents	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		d	Nucleating agents	0.00005	0.0001	0.0005	—	—	—						
		e	Dispersants for oil spill	0.00005	0.0001	0.0005	—	—	—						
		f	Dust binding agents	0.00005	0.0001	0.0005	—	—	—						
		z	Others	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
46	Flotation reagents, collectors 《Mining industry, manufacture of fabricated metal products》 [Solvents for extraction, purification and refining ; #07]	a	Flotation reagents(collectors, frothers, conditioning agents), metal leaching agents	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		b	Flocculants, dispersing agents, metal-caputuring agents	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
		z	Others	0.00005	0.0001	0.0005	0.001	0.0025	0.0025						
47	Fuels and fuel additives	a	Fuels							0.0000001	0.0000001	0.000001	0.00001	0.0001	0.001
		b	Fuel additives(e.g. detergents, anti-oxidants, viscosity index improvers, friction modifiers, corrosion inhibitors)	0.000001	0.000005	0.00001	0.00005	0.0001	0.001	0.0000001	0.0000001	0.000001	0.00001	0.0001	0.001
		c	Combustion improvers(e.g. combustion accelerators, cetane improvers, antiknock agents)	0.000001	0.000005	0.00001	0.00005	0.0001	0.001	0.0000001	0.0000001	0.000001	0.00001	0.0001	0.001
		d	Anti-freezing agents, odorants	0.000001	0.000005	0.00001	0.00005	0.0001	0.001	0.0000001	0.0000001	0.000001	0.00001	0.0001	0.001
		z	Others	0.000001	0.000005	0.00001	0.00005	0.0001	0.001	0.0000001	0.0000001	0.000001	0.00001	0.0001	0.001
excl. #01-#47															
98	Others	z	Other raw materials, other additives	0.0005	0.001	0.001	0.0025	0.005	0.03						
99	For export	a	For export												