

The iEC Information Sheet gives detailed information on the substances included in the 24 iEC groups. All listed substances can also be individually selected with the iEC - selection tool on our website at <http://www.igl-labor.de>.

ADHESIVES: Bismaleimide, Cyanacrylate, Epoxy adhesives, Hotmelts, Methyl methacrylate, Phenol-formaldehyde resin adhesives, Phenol resins, Polysulfide, Polyurethane adhesives, Silane-modified polymers, Silicones, Unsaturated polyester

ANTIBIOTICS: Amoxicillin, Ampicillin, Azithromycin, Aztreonam, Bacitracin, Cefaclor, Cefpodoxime, Chloramphenicol, Ciprofloxacin, Clarithromycin, Clindamycin, Colistimethat, Daptomycin, Doxycycline, Erythromycin, Fluorchinolone-Group, Fosfomycin, Fusidic acid, Gentamicin, Gramicidin, Imipenem, Levofloxacin, Linezolid, Meropenem, Metronidazole, Minocycline, Moxifloxacin, Neomycin, Nitrofurantoin, Norfloxacin, Ofloxacin, Ornidazole, Penicillin, Phenoxyethylpenicillin, Retapamulin, Rifabutin, Rifampicin, Rifamycin, Rifaximin, Streptomycin, Sulfamethoxazole, Sulfonamide-Group, Teicoplanin, Tobramycin, Trimethoprim, Tyrothricin, Vancomycin, β -Lactam antibiotics (group)

BACTERIAL TOXINS: Alpha-Hemolysin, Botulinum toxin, Clostridium perfringens alpha toxin, Cytolethal distending toxin, Dermonecrotic toxin (DNT), Diphtheria toxin, Exotoxin A, Leukocidin, Pasteurella multocida toxin (PMT), Pertussis toxin (PT), Shiga-like-toxin 1, Shiga-like-toxin 2, Tetanus toxin, Thermolabile hemolysin, Thermostable hemolysin, Tracheal cytotoxin (TCT), Vacuolating cytotoxin

BACTERICIDES: 2-Brom-2-nitro-1,3-propandiol, Dichlorophenol, Dichloroxylenol, Isothiazolinone, Methylresorcinol, Octenidine dihydrochloride, o-Phenylphenol, Quaternium-15, Resorcinol, Trichlorophenol, Triclosan

BIOCIDES: Algicide-Group, Alkyltrimethylammonium salts, Antifouling products, Benzalkonium salts, Boron salts (inorganic boron compounds), CKB salts (inorganic chromium copper boron compounds), CK salts (inorganic chromium copper compounds), Dialkyldimethylammonium salts, Ethoxylated QAV, Fish control preparations, Imidazolium compounds, Molluskicides, Octylisothiazolinone, Organobentonite, Pyridinium compounds, Repellents

CHEMICALS: 1,3,7-Methylxanthine, 2,4,7,9-Tetramethyl-5-decin-4,7-diol, 2,4-Diaminophenol, 3-Hydroxy-2-butanon, Acetaldehyde, Acetone, Acetophenone, Acetylpropionyl, Acrolein, Alizarin-Aluminium, Alizarin-Chromium, Alpha-Naphthol, Ammonium hydrogen difluoride, Aromatic amines, Arsin, Asbestos, Benzene, Benzo[a]pyrene, Benzoate, Benzoquinone, Beta-Naphthol, Butane, Butanol, Butanon, Chlorethylamine, Chloride, Chlorine, Chlorotoluene, cis-1,4-Polyisoprene, CS-gas, Cyanide, Diamini-Group, Dibenzodioxine, Dibenzofuran (PCDF), Dichloromethane, Diesel exhaust gases, Dioxane, Ethyl acetate, Fluor, Formaldehyde, Formic acid, Halothane, Hydrogen cyanide, Hydrogen fluoride, Hydroquinone, Lewisite, Metabisulphate, Methane, Methylene chloride, Methyl ester sulfate, Mustard gas, Natural gas (CNG), Nicotine derived nitrosamine ketone, Nitropyrrolidine, Nitrosamine, o-Toluidine, Ozon gas, Petrol exhaust gas, Phenoxyethanol, Phthalocyanine, Polybrominated diphenyl ether (PBDE), p-Phenylenediamine, Propane, Propane-1,2-diol, Propane-1,3-sulfon, Propanol, Propenal, Salicylate, Sulfuric acid, Tabun, Tartrazine, Toluene, Toluenediamine, Trichloroethane, Trichloromethane, Trinitrotoluol (TNT), Xylene

CHEMOTHERAPEUTICS: Actinomycin-D, Alemtuzumab, Bleomycin, Busulfan, Carboplatin (Carbo), Ciclophosphamide (CP), Cisplatin (CDDP), Cladribine, Cytarabin (ARA-C), Dacarbazine, Daunorubicin (DNR), Doxorubicin (Adriamycin) (DOX), Epirubicin, Etoposide (VP-16), Fludarabine (FLU), Fluoruracil, Gemcitabine, Idarubicin (IDR), Ifosfamide, Inotuzumab, Irinotecan, L-Asparagin amidohydrolase, Lomustine (CCNU), Melphalan, Mercaptopurin (6-MP), Methotrexate (MTX), Methylprednisolone, Mitoxantrone (MITOX), Oxaliplatin, Ozogamicin, Prednisolone, Prednisone (PRED), Procarbazine, Rituximab, Temozolomide, Teniposide (VM-26), Thiotepe, Tioguanine (6-TG), Topotecan, Treosulfan, Trofosamid, Vinblastine, Vincristin (VCR), Vindesine, Vinorelbine

COLOR DYES: 1,6-Hexamethylene diisocyanate, Acetone cyanohydrin, Acid dyes, Alizarin, Aniline, Anthrachinone dyes, Anthraquinones, Azo dyes, Azobenzene, Azobisisobutyronitrile, Benzidine, Cationic dyes, Chemiluminescence dyes, Cinnabar, Copolymers, Coupling Components, Diarylide yellow, Diazine, Dibromoanthranthone, Dinitroaniline, Dioxazine dyes, Direct Blue-1, Direct Brown-78, Direct dyes, Direct Red-18, Disodium-4,4'-dinitrostilbene-2,2'-disulfonate, Disperse dyes, Eosin, Food dyes, Formazan dyes, Hydrazine, Indian yellow, Indigo dyes, Karmesine, Litmus, Magenta, Metacinnabar, Metal-complex dyes, Methine dyes, Methyl orange, Nitro(so) dyes, Ortho-nitroaniline, Phenolic diazo dyes, Phthalo blue, Phthalo green, Phthalocanine Blue BN, Phthalocyanine dyes, Pigment Red 170, Pigment Yellow 12, Prussian Blue, Purple, Pyranthrone Orange, Quinacridone, Reactive Safran, Solid Yellow, Solvent dyes, Styrene, Sulfur dyes, Tar dyes, Titanium dioxide, Tyrian Red, Ultramarine, Vermilion

DETERGENTS: (micro)Plastics, Alcohol ethoxylates, Alkalis, Alkane sulfonate, Alkene, Alkybenzene, Alkylbenzene sulfonate, Alkyl polyglycosides, Bleach, Cetyltrimethylammonium bromide (CTABr), Cleaning agent, Corrosion inhibitors, Digitonin, Esterquats, Fatty alcohol sulfate, Foam regulators, Fragrances, Glycidol, Mineral oils, Na-K-Soaps, Octoxynol-9, Optical brighteners, Paraben, Perborate, Percarbonate, Phosphate, Polysorbate-20, Polysorbate-80, Retarder, Sodium lauryl sulfate (SDS), Surfactants, Tyloxapol, Vinyl chlorid methacrylate, Water softener

DRUGS/NARCOTICS: 1,1,1,2-Tetrafluorethan, 1,1-Oxybisethan, 1,4-Butandiole, 1P-LSD, 2-Brom-2-chlor-1,1,1-trifluorethan, 2-Chlor-1-(difluormethoxy)-1,1,2-trifluorethan, 2-Chlor-2-(difluormethoxy)-1,1,1-trifluorethan, 3,4-Methylendioxy-alpha-ethyl-N-Methylphenethylamin (MBDB), 3,4-Methylendioxyamphetamin, 3,4-Methylendioxyethylamphetamin (MDE), 3,4-Methylendioxyethylamphetamin (MDMA), 3-MeO-PCP, 4-Hydroxybutanoic acid (GHB), AM-2201, Amphetamine, Amylnitrite, Benzodiazepine, Buprenorphine, Caffeine, Canthine, Cetamine, Cocaine, Codeine, Crack, Cyclohexylnitrite, Dextromethorphan, Diethylether, Dimethoxyamphetamin (group), Dimethylether, Diphenhydramine, DME, Enflurane, Ephidrine, Ether, ETH-LAD, Ethylether, Fluothane, Harmaline, Heroine, HFC134a, Isoflurane, Isopropylnitrite, JWH-018, JWH-073, Ketamine, Khat, LSA, LSH, Lysergic acid diethylamide (LSD), Mephedron, Mescaline, Methadone, Methoxetamine, Methylether, Mitragnine, Morphine, Muscarine, Muscimol, N,N-Dimethyltryptamine (DMT), Opium, Oxybismethan, Phencyclidine, Psilocybin, Salvinorin-A, Salvinorins (group), Scopolamine, Tetrahydrocannabinol, Theobromine, Tobacco, Trichlorethylen, Trichlormethane, γ -Butyrolactone

FOOD INGREDIENTS: 3-Nitropropionic acid, *Aeromonas caviae*, *Aeromonas hydrophila*, *Aeromonas sobria*, Aflatoxin B1, Altenuene (ALT), Alternariol (AOH), Alternariol ethyl ether (AME), Altetoxin-1 (ATX-1), *Aspergillus flavus*, *Aspergillus parasiticus*, Atropine, *Bacillus cereus*, beta-Methylamino-L-alanine, Capsaicin, Citreoviridin, Citrinin, *Clostridium botulinum*, *Clostridium perfringens*, Cyclopiazonic acid, Cyclochalasins, Deoxynivalenol (DON), Diacetoxyscirpenol (DAS), Ergot alkaloids, Ethoxyquin, Foxglove, Fumitremorgen B, Fumonisin B1, Fungisterol A, Fusaric acid, Fusarochromanone, Grayanotoxin, Heliotridine, HT-2 toxin, Isatidine, Kojic acid, Lasiocarpine, Lolitrem alkaloids, Moniliformin, Mushroom toxins, Necic acid, Nivalenol, Ochratoxin A, Oosporeine, Otonecine, Patulin, Paxilline, Penitrem A, Phomopsins, Phytohaemagglutinin, Platynecin, *Pseudoalteromonas tetradonis*, Pyrrolizidine alkaloids, Radicinin (RAD), Retronecine, Retrorsine, Riddelliine, Scombrotxin, Senkirkine, Shellfish toxin, Sporidesmin A, *Staphylococcus aureus*, Sterigmatocystin, T-2 toxin, Tenuazonic acid (TeA), Tetrodotoxin, Verrucosidin, Verruculogen, Zearalenols, Zearalenone

FUNGICIDES: 5-Fluorcytosine, Amorolfine, Amphotericin (B), Benzimidazole carbamate, Bifonazole, Captan, Carbendazim, Caspofungin, Chlorhexidine, Ciclopirox, Ciclopirox olamine, Clotrimazole, Econazole, Evaporation agents, Fenticonazole, Fluconazole, Flucytosine, Fluprednidene, Folpet, Griseofulvin, Imidazole, Isoconazole, Itraconazole, Ketoconazole, Mancozeb, Mercury chloride, Micafungin, Miconazole, Naftifine, Nystatin, Posaconazole, Pyrrolnitrin, Sertaconazole, Solvents, Terbinafine, Triazole, Voriconazole, Zinc oxide

HERBICIDES: 2,4,5-Trichlorphenoxyacet acid, 2,4,6-substituted diphenyl ether herbicides group, 2,4-Dichlorophenoxyacetic acid, 2,4-Dichlorophenoxy propionic acid, 2,4-substituted diphenyl ether herbicides group, 2-Methyl-4,6-dinitrophenol (DNOC), 3,5-substituted herbicides group, 3-substituted herbicides group, Amidonsulfuron, Arboricide-Group, Atrazine, Bentazon, Bifenox, Bromacil, Chloridazon, Clethodim, Clopyralid, Cycloxydim, Cyometrinil, Diquat dibromide, Fluazifop-P-butyl, Flufenacet, Glufosinate, Glyphosate/AMPA, Graminicide-Group, Isoxaben, Metamitron, Monuron, Napropamide, Nitrofen, Pendimethalin, Phenmedipham, Phosgene, Polychlorinated dibenzodioxins (PCDD), Propanil, Propyzamide, Pyridate, Sulfometuron methyl, Teprloxydim, Triazine Trifluralin

INSECTICIDES: Allethrin, Anabasine, Bendiocarb, Carbaryl, Carbosulfan, Cartap, Cevadin, Chlorotranilipol, Chlorpyrifos, Cyantraniliprole, Cyfluthrin, Cyhalothrin, Cypermethrin, Deltamethrin, Dichlorodiphenyltrichloroethane (DDT), Dichlorvos, Disulfoton, Diterpene derivatives, Elliptol, Fenchlorphos, Fenoxycarb, Flonicamid, Flubendiamide, Malathion, Methacrifos, Naled, Neoquassin, Nicotine, Oxydemeton-methyl, Parathione, Phosphamidon, Piperine, Prothoate, Pymetrozine, Pyriproxyfen, Quassin, Rotenoid, Ryanodine, Sulfotep, Sumatrol, Tetrachlorvinphos, Toxicarol, Veratridine alkaloids, Xyllylcarb

MEDICAL DRUGS: Acetylsalicylic acid, Alfentanil, Alirocumab, Alkaloid, AL-LAD, Arecoline, Articine, Atorvastatin, Benzamide, Benzisoxazol derivative, Betamethasone, Bupivacaine, Buprenorphine, Butylscopolaminiumbromid, Butyrophenone, Calomel-Hg, Cannabichromene, Cannabidiol, Cannabigerol, Cannabinol, Carfentanyl, Cathine, Cathinone, Cerivastatin, Colesevelam, Colestyramine, Cortisone, COX-2-Inhibitors, Dexamethasone (DEXA), Dibenzepin, Diclofenac potassium, Diphenylbutylpiperidine, Evolocumab, Ezetimibe, Fenofibrate, Fentanyl, Finasteride, Fluvastatin, Gelatin-polysuccinat (Gelafundin), Gemfibrozil, Hydromorphon, Ibuprofenarginate, Ibuprofenlysinate, Imidazoline, Indometacine, Levomethadone, Lidocaine, Lovastatin, Mefenaminacid, Metamizol-sodium, Methoxyflurane, Midazolam (Dormicum), Nalbuphine, Naloxone, Naltrexone, Naproxen-sodium, Narceine, Norephedrine (Phenylpropanolamine (INN)), Oxycodone, Papaveraldine, Paracetamol, Pentazocine, Pethidine, Phenothiazine, Phentolaminmesilat, Pioglitazone, Piprante, Pirtramid, Piroxicam, Pitavastatin, Pravastatin, Pregabalin, Procaine (Novocaine), Propofol, Psilocin, Psilocybin, Quinovic acid cat., Remifentanil, Risperidone, Rocuronium, Rosiglitazone, Rosuvastatin, Sertraline, Setrone, Sibufurane, Simvastatin, Sufentanil, Thebaine, Thioxanthene, Tramadol, Venlafaxine

METALS: Aluminium, Antimony, Arsenic, Barium, Beryllium, Bismuth, Boron, Cadmium, Cerium, Chromium-III, Chromium-VI, Cobalt, Copper, Cuprate, Dimethylmercury, Dysprosium, Erbium, Ethylmercury, Europium, Gadolinium, Gallium, Gold, Indium, Iridium, Iron, Lead, Lithium, Manganese, Mercury inorganic, Mercury organic (group), Mercury(II) acetate, Methylithium, Methylmercury, Molybdan, Monoalkyl-Copper-Compounds, Nickel, Niobium, Palladium, Phenylmercury, Platinum, Rhodium, Ruthenium, Silicon (Silicium), Silver, Tantalum, Terbium, Thulium, Tin, Titanium, Tungsten, Vanadium, Zinc, Zirconium

MICROPLASTICS: 2,2,4,4-Tetramethyl-1,3-cyclobutanediol-residues, 2,4-Toluene diisocyanate (2,4-TDI), 4,4'-diisocyanato dicyclohexylmethane (H12MDI), 4,4'-Methylene-bis(cyclohexylamine), 4,4-Methylenedianiline (MDA), Acrylonitrile butadiene rubber (NBR), Acrylonitrile butadiene styrene (ABS), Aliphatic diacid moieties, Butadiene rubber (BR), Cellulose acetate butyrate (CAB), Chloroprene rubber (CR), Cyclohexanedimethanol (CHDM), Ethylene glycol, Ethylene propylene diene monomer rubber (EPDM), Glycerol-1,2-diacetate, Graphene oxide (2D-Nano), Hexamethylene-diol (1,6-Hexandiol), Methylene diisocyanate, Methylene diphenyl diisocyanate (MDI), Naphthylene-1,5-diisocyanate, Poly(ethylene-oxide) 20, Poly(ethylene-oxide) 77, Poly(propylene oxide) 29, Polyamide (PA), Polybutylene terephthalate (PBT), Polycarbonates (PC), Polyester, Polyester polycarbonate blend, Polyethylene (PE), Polyethylene terephthalate (PET), Polyethylene terephthalate glycol (PET-G), Polymethylene, Polymethylmethacrylate (PMMA), Polyolefin, Polyoxymethylene (POM), Polyphenyleneether (PPE), Polypropylene (PP), Polystyrene (PS), Polytetrafluoroethylene (PTFE, Teflon), Polyurethane (PU), Polyvinyl chloride (PVC), Sorbitan monooleate, Styrene-acrylonitrile copolymer (SAN), Styrene-butadiene rubber (SBR), Terephthalic acid (TPA), Triacetin (glycerin triacetate)

PESTICIDES: Acaricide-Group, Aldicarb, Avicide-Group, Carbofura, Lindane, Metaldehyde, Methomyl, Mevinphos, Molluscicide-Group, Nematicide-Group, Organophosphate, Ovicide-Group, p-Dichlorobenzene, Pentachlorobenzene, Pentachlorophenol (PCP), Permethrin, Polybrominated biphenyl (PBB), Polychlorinated biphenyl (PCB), Rodenticide-Group, Tetraethyl pyrophosphate, Virucide-Group

PLASTICIZERS: Benzylbutyl phthalate (BBP), Bisphenol-A (BPA), Bisphenol-S (BPS), Butyl cyclohexyl phthalate (BCHP), Butyl stearate (BST), Di-2-Methoxyethylphthalate (DMEP), Dibutyl adipate (DBA), Dibutyl maleate (DBM), Dibutyl phthalate (DBP), Dibutyl sebazate (DBS), Dicyclohexyl phthalate (DCHP), Diethyl phthalate (DEP), Diethylene glycol dibenzoate (DEGDB), Diheptyl phthalate (DHP), Dihexyl phthalate (DHXP), Diisobutyl phthalate (DIHP), Diisodecyl phthalate (DIDP), Diisononyl adipate (DINA), Diisononyl phthalate (DINP), Diisooctyl phthalate (DIOP), Diisopentyl phthalate (DIPP), Dimethyl phthalate (DMP), Di-n-octyl phthalate (DNOP), Dioctyl adipate (DOA), Dioctyl terephthalate (DOTP), Diundecyl phthalate (DUP), Glycerin triacetate (GTA), Glycerol, Methacrylate, Paraffin Oil (PO), Polycyclic aromated hydrocarbons (PAH), Styrole, Sucrose octaacetate (SOA), Tetrabrombisphenol-A, Tributyl phosphate (TBP), Tributyl-O-acetylcitrate (TBAC), Tricresyl phosphate (TFC), Trioctyl phosphate (TOF), Trioctyl trimellitate (TOTM), Triphenyl phosphate (TPP), Tris(2-butoxyethyl) phosphate (TBEP), Trixylenyl phosphate (TXF), Vinyl chloride

RADIOACTIVES: Actinium, Americium-241, Astat isotops, Bismuth isotops, Caesium-137, Cobalt-60, Francium, Iridium-192, Plutonium-239, Plutonium-241, Promethium isotops, Radium, Radon-86, Technetium isotops, Uran-233, Uran-235

SILICONES: Carbosilane (group), Chlorinated silanes, Cyclohexasilane, Cyclopentasilane, Cyclopentasiloxane, Decamethylcyclopentasiloxane, Dicarboxylic acid, Dimethyldichlorosilane, Disilane, Heptasilane, Hexamethylcyclotrisiloxane, Hexasilane (group), Hydroxyl(radical) group, Isophorone diisocyanate (IPDI), Methyltrichlorosilane, Monosilane (group), Octasilane (group), Organochlorosilane (group), Organosilane (group), Organosilane (group), Pentasilane, Poly(ethylene oxide) 29, Polydimethylsiloxane (Dimethicone), Polysilazane, Tetrachlorosilane, Tetramethylsilane, Tetrasilane, Trichlorosilane, Triethoxysilane, Trimethylchlorosilane, Trisilane (group)

TOOTH MATERIALS: 2,3-Epoxyethyl acrylate, 2-Chloroethyl vinyl ether, 2-Ethylhexyl acrylate, Barium-Aluminium-Glass, Benzophenone, Bisphenol glycidyl methacrylate, Butyl acrylate, Butyl methacrylate, Campherchinon, Di-2-ethylhexyl phthalate (DEHP), Ethyl acrylate, Glycidyl methacrylate, Hybrid composite, Hydrogenated methylene diphenyl diisocyanate, Hydroxyethyl-methacrylate, Hydroxyl-groups, Nano hybrid composite, Peroxide, Silicates, Silicon dioxide, Toluidin, Triethylenglycoldimethacrylate, Trimethylolpropane triacrylate, Urethane dimethacrylate

VACCINE INGREDIENTS: 1,2-Distearoyl-sn-glycero-3-phosphocholin, 2-[(Polyethylene glycol)-2000]-N,N-ditetradecylacetamide, Adenoviral monkey vector, Aluminium salts, bacTRL-Spike, Barium sulfate, Cell culture (growth) material, Emulsifiers, Ethylmercury (Thimerosal), Fetal-DNA, Glutaraldehyde, Histidine, Inactivating-(germ-killing)-ingredients, Latex, Lentiviral vector system (NHP/TYF), Modified Vaccinia Virus Ankara (MVA), Monosodium glutamate (MSG), Nanoparticles, Ovalbumin (egg-proteins), Phenol-red, Polysorbate 80, Potassium phosphate, Potassium thiocyanate, Recombinant adenovirus vector (rAd5), Recombinant spike proteins, self-amplifying RNA (sa-RNA), Sodium adipate, Sodium borate, Sorbitol, Squalene oil (MF59), β -Propiolactone, Sugar (gelatin), Tromethamine, Tromethamine hydrochloride, Virus neutralizing titers (VNTs), Virus-like particles (VLP), Yeast proteins (recombinant)

VOLATILE ORGANIC COMPOUNDS (VOCs): Chlorodifluoromethane, Microbial volatile organic compounds (MVOC), Naphthalene, Non-methane volatile organic compounds, Organic compounds associated with particulate matter, Organic compounds associated with particulate organic matter (POM), Semi volatile organic compounds (SVOC), Very volatile organic compounds (VVOC), Volatile organic compounds (VOC)