

AGENTS CURRENTLY ASSESSABLE IN OccIDEAS

CARCINOGENS

Assessment provides semiquantitative level of high/medium/low/unexposed for each individual agent

Assessment is currently for “usual” work, can be altered to be a defined period of time (e.g. last week, last year etc)

CHRONODISRUPTION

Graveyard shift, Alcohol and CD, Diet and CD, Light at night, Phase shift, Physical activity and CD, Sleep disturbances, Vit D and CD (See Fritschi et al, Med Hypotheses, 2011)

INDUSTRIAL CHEMICALS

1,3 butadiene, Acrylamide, Carbon Disulphide, diethyl/dimethyl sulphate, Epichlorhydrin, Ethylene oxide, Formaldehyde, MOCA, Nitrosamines, Ortho-toluidine, PCBs, Vinyl chloride

Acid mists (primarily sulphuric acid mist)

INORGANIC DUSTS

Asbestos, Silica

METALS

Arsenic, Beryllium, Cadmium, Chromium VI, Cobalt, Lead, Nickel

OILS

Mineral Oils

ORGANIC DUST

Leather dust, Wood Dust

PESTICIDES

Organochlorines, Organophosphates, Phenoxy Herbicides, Glyphosate, Other Herbicides, Other Pesticides

PRODUCTS OF COMBUSTION

Diesel Exhaust, Environmental Tobacco Smoke, Welding fumes

RADIATION

Artificial UV, Ocular UV, Solar UV, Ionizing radiation

SOLVENTS

Benzene, Tetrachloroethylene (Perc), Trichloroethylene

NOISE, VIBRATION AND OTOTOXIC CHEMICALS

NOISE

Exposure to noise in last working day

Assessment provides continuous measure in A-weighted equivalent 8-hour level plus whether daily exposure is >85dB (LAeq8hr)

VIBRATION

Hand arm vibration

Assessment provides continuous measure in m/sec²

IMPACT NOISE

Loud short duration noises often associated with two objects colliding

Assessment provides exposed/unexposed status

ACOUSTIC SQUEAL

Sudden and unexpected loud noise usually transmitted through headsets or telephone systems

Assessment provides exposed/unexposed status

OTOTOXICS

Toluene, Styrene, p-Xylenes, Trichloroethylene , Ethyl benzene, n-Hexane ,

Lead, Mercury

Carbon disulphide, Carbon monoxide

Assessment provides semiquantitative level of high/medium/low/unexposed

ASTHMAGEN GROUPS

Assessment provides exposed/unexposed on the group level, no levels are available and no assessment for individual agents is available

ARTHROPODS OR MITES

Locust, , Cricket, Fruit Fly, Honey Bee Royal jelly, Lesser Mealworm, Acarian, Sheep Blowfly, Mites, NOS, Fowl Mite, Barn Mite, Grain/Flour Mites, Ephestia Kuehniella (Mediterranean flour moth), Silkworm, Caddis Flies

BIOLOGICAL ENZYMES

Bacillus Subtilis Enzymes, Trypsin, Papain, Pepsin, Pancreatin, Flaviastase, Bromelain, Egg Lysozyme, Fungal Amylase, Esperase, Fungal Amyloglucosidase, Fungal Hemicellulase

BIOAEROSOLS

Neurospora, Chrysonilia Sitophilia, Penicillium, Alternaria, Cutting Oils

DERIVED FROM FISH/SHELLFISH

Crab, Prawn, Red Soft Coral, Cuttlefish, Shrimp Meal, Trout, Fish Feed, Clam, Octopus, Salmon, Nacre Dust, Anisakis Simplex (herring worm)

DERIVED FROM ANIMALS

Mice, Rabbit Antigens, Guinea Pig Antigens, Rat Antigens, Cat, Chicken, Frog, Bat Guano, Cow Dander, Pig, Lactoserum, Casein, Bovine Serum Albumin

FLOUR

Buckwheat, Rye Flour, Wheat Flour, Soya Flour, Flour NOS

FOODS

Thyme, Paprika, Fenugreek, Cinnamon, Tea, Chamomile, Rose Hips, Castor Bean, Hops, Garlic Dust, Pectin, Green Beans, Dioscorea Batatas (Chinese yam), Soybean Lecithin, Brazil Ginseng, Thiamine (vitamin B), Egg Protein, Guar

FLOWERS

Baby's Breath, Sunflower, Freesia, Limonium Tataricum

LATEX

Latex, Natural Rubber

WOOD DUSTS

Western Red Cedar, California Redwood, Oak, Mahogany, African Maple, Central American Walnut, Eastern White Cedar, Blackwood

DERIVED FROM PLANTS - OTHER

Linseed Oilcake, Arabidopsis Thaliana, Vicia Sativa (vetch), Tobacco leaf, Henna, Chorella Algae, Kapok, Grain Dust, Rice dust, Weeping fig, Pinellia Ternata, Gum Arabic, Tragacanth, Quillaja bark, Tall oil, crude, Tall oil, Rosin, Turpentine, Almond dust

SOLDERING

Colophony, Soldering Flux (heated) Alkyl Aryl Polyether, Soldering Flux (heated) Zinc

REACTIVE DYES

Reactive Dyes, NOS, Levafix Brilliant Yellow E36, Drimarene Brilliant Yellow K-3GL, Cibachrome Brilliant Scarlet 32, Drimarene Brilliant Blue K-BL, Rifacion Orange HE 2G, Rifafix Yellow 3 RN, Rifazol Brilliant Orange 3R, Rifazol Black GR, Lanazol Yellow 4G, Methyl Blue

ANHYDRIDES

Phthalic Anhydride, Maleic Anhydride, Trimellitic Anhydride, Pyromellitic Dianhydride, Methyl Tetrahydrophthalic Anhydride, Tetrachlorophthalic Anhydride, Himic Anhydride, Hexahydrophthalic Anhydride

ACRYLATES

Methyl Methacrylate, Cyanoacrylates, NOS (glues), Trimethylolpropane Triacrylate/2-Hydroxypropyl Acrylate, Polymethyl Methacrylate (plexiglass), Acrylic Acid

EPOXY

Epoxy Resins, Adhesive, Epoxy

ETHYLENE OXIDE

Ethylene Oxide

ALDEHYDES

Formaldehyde, Paraformaldehyde, Urea Formaldehyde, Glutaraldehyde

PESTICIDES

Chlorothalonil (Bravo, Echo), Piperazine, Piperazine Hydrochloride, Piperazine Citrate, Chloramine T, 3-Amino-5-mercapto-1,2,4-triazole, Malathion, Diazinon, Nemacur, Dimethoate, Safrotin, Pyrfon, Acephate, Fenthion, Pyrethrins, Tetramethrin, Hexachlorophene

AMINES

Ethanolamines, NOS, Monoethanolamine, Surfactant-Specific Amines, Triethanolamine, Aminoethyl Ethanolamine, Diethanolamine, Dimethylethanolamine, Ethylenediamine, Triethylenetetramine, Trimethylhexane-1,6-diamine/Isophorondiamine Mixture,

AMMONIA

Anhydrous Ammonia, Ammonium Hydroxide, Ammonia Solution (29%), Ammonia Solution (10%),

INDUSTRIAL CLEANING AND STERILISING AGENTS

Quarternary Ammonium Compounds, NOS, Cetalkonium Chloride, Benzyl-C10-16-alkyldimethyl, chlorides, BTC 927, Dialkyl Methyl Benzyl Ammonium Chloride, Dimethyl Ethyl Benzyl Ammonium Chloride, Benzyl dimethylstearyl ammonium Chloride, Dodecyl-dimethyl-benzyl ammonium, Didecyl Dimethyl Ammonium Chloride, BTC 776, Alkyl Dimethyl Benzyl Ammonium Chloride, Benzyl-C12-18-alkyldimethyl, chlorides, Benzyl-C12-16-alkyldimethyl, chlorides, Benzyl-C16-18-alkyldimethyl, chlorides, Chlorine, Fluorine, Persulfate Salts, Sodium Metabisulfite, Dicumyl-peroxide, Sodium Hypochlorite, Chlorhexidine

ACIDS

Hydrochloric Acid, Sulfuric Acid/sulphur dioxide, Glacial Acetic Acid, Peroxyacetic Acid, Dodecanedioic Acid, Chromic Acid

ISOCYANATES

Diisocyanates, NOS, Toluene Diisocyanate, Methylene Bisphenyl Diisocyanate, Naphthalene Diisocyanate NDI, Hexamethylene Diisocyanate HDI, Isophorone Diisocyanate, Polymethylene Polyphenylisocyanate, TDI Prepolymers, HDI Prepolymers

OTHER REACTIVE CHEMICALS

Isolyzer, Styrene, Freon, Heated, Polyfunctional Aziridine (PFA), Polyethylene Terephthalate/Polybutylene Terephthal, Polypropylene, Heated, Triglycidyl Isocyanurate, Radiographic Fixative, Polyvinyl Chloride (heated), Polyvinyl Chloride, Thermal Decomposition, Polyvinyl Chloride (non-heated), Resin containing furfuryl alcohol, Furfuryl alcohol mixed with a catalyst, Fluoride

METALS

Chromium Compounds, Chromium Metal, Chromium, Not Hexavalent, Chromium, Hexavalent, NOS, Ammonium Dichromate, Aluminium Compounds, Aluminium, Aluminium Chloride, Aluminium Oxide, Tributyl Tin Oxide, Tungsten Carbide, Tungsten Carbide/Cobalt, Titanium oxide/dioxide, Vanadium, Platinum, Cobalt Compounds, Cobalt, Nickel Compounds, Nickel, Zinc Oxide, Rhodium, Soluble Halogenated Platinum Compounds, NOS, Ammonium Hexachloroplatinate (IV), Welding Fume, Stainless Steel, Gas Metal Arc Welding on Uncoated Mild Steel

MEDICATIONS

Ampicillin, Penicillins, Penicillamine, Phenylglycine Acid Chloride, Psyllium, Methyl dopa, Spiramycin, Amprolium, Tetracycline, Isonicotinic Acid Hydrazide, Hydralazine, Tylosin Tartrate, Ipecacuanha, Cimetidine, Opiate Compounds, Morphine, Codeine, Thebaine, Papaverine, Oxycodone, Hydrocodone, Salbutamol Intermediate, Vancomycin, Colistin