

Appendix 1. Cleaning Products and their corresponding Association of Occupational and Environmental Clinics (AOEC) Exposure Codes (accessed April 7, 2016 at <http://www.aocdata.org/ExpCodeLookup.aspx>).

Cleaning Product Agent	Codes
Acetone	130.01
Acids, bases, oxidizers	050.00, 050.07, 050.10–050.13, 050.15, 050.17, 050.18, 050.20, 050.22, 050.24, 050.34, 050.35, 050.42, 050.46, 052.04
Alcohols (Alcohols, nos, Ethanol, or Isopropyl Alcohol)	070.00, 070.05, 070.06
Ammonia	322.07 & 322.09
Ammonium chlorides	052.031, 322.3213, 322.322, 322.323, 322.326
Benzyl-C12-18-alkyldimethyl or Benzyl-C12-16-alkyldimethyl, chlorides	322.327 & 322.328
Bleach	322.10
Carpet cleaner	322.16
Chemicals, nos	320.06
Chlorhexidine	200.08
Cleaners (abrasive, acid, caustic, citric)	322.13–322.15, 322.17, 322.20, 322.36
Cleaning materials, household cleaners (not specified)	322.00, 322.18
Cleaning mixtures (excluding bleach plus acid or ammonia)	322.31
Disinfectants (not specified)	050.28 & 322.19
Enzymes, nos	324.00
Ethanolamines	231.00 & 231.01
Floor stripper/waxes	322.21 & 322.35
Formaldehyde	120.03
General purpose (household) cleaners	322.04 & 322.26
Glutaraldehyde	120.051
Glycol ethers (Ethylene Glycol Ethers, nos, Ethylene Glycol Monomethyl Ether, or 2-Butoxyethanol)	090.00, 090.012, 091.00, 091.01, 091.03
Glycols (Ethylene Glycol or Diethylene Glycol)	080.011 & 080.02
Graffiti remover	322.22
Halogens (inorganic): Chlorine, Chlorine Dioxide, Chlorous Acid, or Sodium Chlorite	030.02, 030.06–030.08
Hydrocarbons (Aromatic Hydrocarbons, nos, Toluene, or Xylene)	160.00, 160.02, 160.03
Limonene or D-Limonene	060.05 & 060.18
Mixing bleach and acid or ammonia:	322.11 & 322.12
Nonoxynol	320.461
Ortho-phthalaldehyde	120.10
Oven cleaner	322.25
Perchloroethylene	190.10
Phenols & Orthophenylphenol	180.04 & 180.07
Soaps	322.01, 322.06, 322.23

Solvents, nos	171.00
Spot removers	322.30
Surfactant-Specific amines	320.191
Tarnish removers	322.02
Tile cleaners	322.27
Toilet bowl	322.28
Quaternary ammonia	322.320 & 322.321
Waxes, NOS	170.06

