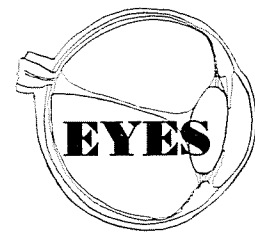


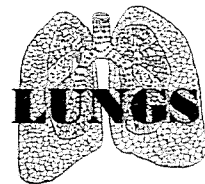
Chemical and Mineral Agents and Adverse Physiological Effects Upon Man



EYES



**UPPER
RESPIRATORY-
MUCOUS
MEMBRANES**



LUNGS



LIVER



SKIN

Agent	Industry
Cresol.....	Chemical Mfg., Oil Refining
Quinone	Chemical Mfg.
Hydroquinone.....	Synthetic Dye Industry
Acetic Anhydride.....	Textile Mfg.
Acrolein	Chemical Mfg.
Benzyl Chloride.....	Synthetic Dye Industry
Butyl Alcohol.....	Lacquer and Paint Industry
Ozone	Welding Operations
Dimethylsulfate.....	Chemical Mfg., Pharmaceutical Ind.
Chromium.....	Chromate Mfg., Chrome Plating
Acetic Anhydride.....	Textile Mfg.
Acrolein	Chemical Mfg.
Hydrogen Sulfide.....	Viscose Rayon Ind. Sewerage Treatment
Butyl Alcohol.....	Lacquer and Paint Mfg.
Acetaldehyde.....	Chemical Mfg., Paint Mfg.
Nickel.....	Metallurgical Refining Processes
Crystalline Silica.....	Mining Ind., Foundry Ind.
Asbestos.....	Mining Ind., Weaving Ind.
Beryllium.....	Foundry Ind., Metallurgical Ind.
Chromium	Chromate Mfg.
Hydrogen Sulfide.....	Viscose Rayon Ind. Sewerage Treatment
Allyl Chloride.....	Plastic Mfg.
Dichloroethyl Ether.....	Insecticide Mfg., Oil Refining
Mica.....	Rubber Industry, Insulation Industry
Talc.....	Mining Industry
Nitrogen Dioxide.....	Chemical Mfg., Metal Pickling
Cresol.....	Chemical Mfg., Oil Refining
Dimethylsulfate.....	Chemical Mfg., Pharmaceutical Mfg.
Chloroform.....	Chemical Mfg., Plastic Mfg.
Carbon Tetrachloride.....	Chemical Mfg., Dry Cleaning Fire Extinguisher Service
Trichloroethylene.....	Chemical Mfg., Metal Degreasing
Perchloroethylene.....	Chemical Mfg., Dry Cleaning
Toluene.....	Rubber Ind., Paint Ind.
Butyl Alcohol.....	Chemical Mfg. Lacquer and Paint Mfg.
Nickel.....	Metallurgical, Refining Processes
Phenol	Plastics Mfg.
Trichloroethylene	Chemical Mfg. Metal Degreasing

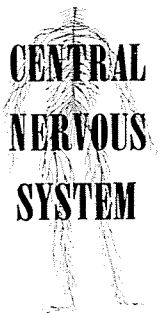


Agent	Industry
Benzene.....	Rubber Industry, Chemical Mfg.
Carbon Tetrachloride.....	Solvent Mfg., Dry Cleaning
Carbon Disulfide.....	Viscose Rayon Mfg., Rubber Mfg.
Butylamine.....	Synthetic Dye Mfg. Pharmaceutical Mfg.
Hydrogen Sulfide.....	Viscose Rayon Mfg. Sewerage Treatment
Tetra Ethyl Lead.....	Chemical Mfg.
Manganese.....	Mining, Metallurgical Processing
Mercury (80 different industries)...	Electrical Equipment Mfg. Lab Workers
Lead.....	Auto Mfg., Smelting, Battery Mfg.
Dimethylaniline	Chemical Mfg.
Acetaldehyde	Chemical Mfg.
Nitrobenzene.....	Synthetic Dye Ind., Shoe Polish Mfg.
Thallium.....	Pesticide Mfg., Fire Work Mfg.
Aniline.....	Synthetic Dye Mfg. Paint Mfg. Rubber Industry
Chloroform.....	Chemical Mfg., Plastic Mfg.
Mercury.....	Electrical Equipment Mfg. Scientific Labs.
Dimethylsulfate	Chemical Mfg. Pharmaceutical Mfg.
Nitrobenzene.....	Synthetic Dye Mfg. Shoe Polish Mfg.
Aniline.....	Paint Mfg., Rubber Ind.
Arsenic (as Arsine).....	Metal Pickling
Benzene.....	Chemical Mfg., Rubber Ind.
Carbon Monoxide.....	Heat Treating Ind. Automobile Services
Toluene.....	Rubber Mfg., Paint Mfg.



BRAIN

OR



**CENTRAL
NERVOUS
SYSTEM**



HEART



KIDNEY



BLOOD

Published for air engineers by

AIR ENGINEERING

Figure of man above is by
Andreas Vesalius (1514-64),
modern father of anatomy.