TABLE 41-C

CHEMICAL CAUSES OF SKIN AFFECTIONS

Irritant or Agent	*Primary Irritants*	*Sensitizers*	*Manifestations of Irritating Action on the skin (More important damages may result in other organs)*	*Typical Occupations, Trades, or Processes Where Exposure May Occur*
ACIDS				
Acetic	x		Dermatitis and ulcers	Manufacturing acetate rayon, printing and dyeing, hat makers
Carbolic	x		Irritation and erosion of skin, eczema, anesthesia	Carbolic acid makers, disinfectant, dye, pharmaceuticals, plastic manufacturing
Chromic	x	x	Skin ulcers ("chrome holes"), inflammation and perforation of nasal septum	Platers, manufacturing chemicals and dyestuffs
Cresylic	x		Irritation and erosion of skin, anesthesia	Processing, disinfectants, coal tar, and cresylic acid
Formic	x		Blisters and ulcerations	Formic acid workers, mordanters, makers of cellulose formate and airplane dope
Hydrochloric	x		Irritation and ulceration of skin	Bleachers, picklers (metals), refiners (metals), tinners, chemical makers
Hydrofluoric	x		Severe skin burns, erosion, ulcers, blisters	Enamel manufacturing, etchers, hydrofloric acid makers, antimony fluoride extractors
Lactic	x		Ulcers (if strong solutions are used)	Dyeing, felt hat industry
Nitric	x		Severe skin burns and ulcers	Nitric acid and soda workers, electroplaters, metal refiners, acid dippers, nitrators
Oxalic	x		Local caustic action on skin, bluish discoloration and brittleness of nails	Tannery workers, blueprint paper makers, oxalic acid makers
Picric	x		Red rash, itching skin, yellow discoloration of skin and hair which is neither a dermatitis nor a dermatosis	Tannery and explosive workers, picric acid and dye makers, dyers
Sulfuric	x		Corrosive action on skin, severe inflammation of mucous membranes	Nitrators, picklers (metals), acid dippers, chemical manufacturing