

Table 9
Carcinogens Table: OSHA, IARC, NTP, ACGIH (April 2001)

Chemical	OSHA	IARC	NTP	ACGIH
estrogens (not conjugated), estradiol-17 beta, and estrone, and ethinylestradiol, and mestranol			R	
ethyl acrylate		2B	R	
ethyl bromide				A3
chloroethane (ethyl chloride)				A3
ethyl methanesulfonate		2B	R	
n-ethyl-N-nitrosourea		2A	R	
ethylene dibromide		2A	R	A3
ethylene oxide	Yes	1	K	A2
ethylene thiourea		2B	R	
ethyleneimine (aziridine)	yes	2B		A3
foreign bodies implanted in tissue		2B		
formaldehyde gas	yes	2A	R	A2
2-(2-formylhydrazino)-4-(5-nitro-2-furyl)thiazole		2B		
fowler's solution		1		
fuel oil, residual (heavy)		2B		
furan		2B	R	
furfural				A3

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Chemical	OSHA	IARC	NTP	ACGIH
human immunodeficiency virus type 2 (infection with)		2B		
human papillomavirus type 16 and 18		1		
human papillomavirus type 31 and 33		2A		
human papillomavirus type other than 16,18, 31 and 33		2B		
hydrazine, methyl hydrazine		2B	R	A3
hydrazine sulfate			R	
hydrazobenzene			R	
hydrogen peroxide				A3
hydroquinone				A3
IQ (2-amino-3-methylimidazo[4,5-f]quinoline)		2A		
indeno[1,2,3-cd]pyrene		2B	R	
iron and steel founding		1		
iron-dextran complex		2B	R	

1. **OSHA** (Occupational Safety and Health Administration.
U.S. Department of Labor, 미국노동성산하의 직업안전위생국)
2. **IARC** (International Agency for Research on Cancer, 국제암연구기관)
3. **NTP** (National Toxicology Program. U.S. Department of Health and Human Services, 국립독성학프로그램. 미국보건사회국)
4. **ACGIH** (American Conference of Governmental Industrial Hygienists, 미국정부기관
산업안전위생 담당자회의)

<u>OSHA- Occupational Safety and Health Administration, U.S. Department of Labor</u> OSHA regulated chemicals marked with "yes"	<u>NTP- National Toxicology Program, U.S. Department of Health and Human Services</u> Group K: known to be human carcinogens Group R: reasonably anticipated to be human carcinogens
<u>IARC- International Agency for Research on Cancer</u> Group 1: carcinogenic to humans Group 2A: probably carcinogenic to humans Group 2B: possibly carcinogenic to humans	<u>ACGIH- American Conference of Governmental Industrial Hygienists</u> Group A1: confirmed human carcinogen Group A2: suspected human carcinogen Group A3: confirmed animal carcinogen with unknown relevance to humans