**Section 742.APPENDIX A General**

**Section 742.TABLE E Similar-Acting Noncarcinogenic Chemicals**

**Adrenal Gland**

Isopropylbenzene

**Cholinesterase Inhibition**

Aldicarb

Carbofuran

**Circulatory System**

Alachlor

Antimony (ingestion only)

Benzene

Cobalt (ingestion only)

2,4-D

*cis*-1,2-Dichloroethylene (ingestion only)

2,4-Dimethylphenol

2,4-Dinitrotoluene

2,6-Dinitrotoluene

Ensosulfan

Fluoranthene

Fluorene

Methylene Chloride (inhalation only)

Nickel (Res. & I/C only) (inhalation only)

Nitrate as N

Nitrobenzene (ingestion only)

Selenium

Simazine

Styrene (ingestion only)

1,3,5-Trinitrobenzene

Zinc

**Decreased Body Weight Gain**

Atrazine

Bis(2-chloroethyl)ether

Cyanide

1,2-Dichlorobenzene (inhalation only)

Diethyl phthalate (ingestion only)

Ensosulfan

2-Methylphenol (o-cresol)

Naphthalene (ingestion only)

Nickel (ingestion only)

n-Nitrosodiphenylamine

Phenol (ingestion only)

Simazine

Tetrachloroethylene (ingestion only)

1,1,1-Trichloroethane (ingestion only)

Vinyl acetate (ingestion only)

Xylenes (Res. & I/C only) (ingestion only)

**Endocrine System**

Cyanide

1,2-Dibromoethane (ingestion only)

Di-n-octyl phthalate (ingestion only)

Nitrobenzene

1,2,4-Trichlorobenzene (ingestion only)

**Eye**

2,4-Dinitrophenol

n-Nitrosodiphenylamine

Polychlorinated biphenyls (PCBs)

Trichloroethylene

**Gastrointestinal System**

Beryllium (ingestion only)

Copper

1,3-Dichloropropene (*cis* + *trans*) (ingestion only)

Endothall

Fluoride

Hexachlorocyclopentadiene (ingestion only)

Iron

Methyl bromide (ingestion only)

Methyl tertiary-butyl ether (ingestion only)

**Immune System**

4-Chloroaniline

2,4-Dichlorophenol

Mercury (ingestion only)

Polychlorinated biphenyls (PCBs)

**Kidney**

Acetone (ingestion only)

Aldrin (CW only)

Barium

Bromodichloromethane (ingestion only)

Cadmium

2,4-D

Dalapon

1,1-Dichloroethane

1,2-Dichloroethane (CW only) (ingestion only)

Ensosulfan

Ethylbenzene (ingestion only)

Fluoranthene

gamma-HCH (gamma-BHC)

Hexachloroethane (ingestion only)

Isopropylbenzene

Mecoprop (MCPP)

Methyl tertiary-butyl ether (inhalation only)

Pentachlorophenol

Pyrene

Toluene (ingestion only)

2,4,5-Trichlorophenol

Vinyl acetate (ingestion only)

**Liver**

Acenaphthene

Aldrin (Res. & I/C only)

Bis(2-ethylhexyl)phthalate (Res.& I/C only) (ingestion only)

Bromoform

Butyl Benzyl Phathalate (ingestion only)

Carbon Tetrachloride

Chlordane

Chlorobenzene (ingestion only)

Chlorodibromomethane (ingestion only)

Chloroform

2,4-D

DDT

1,2-Dibromoethane (ingestion only)

1,2-Dichlorobenzene (CW only) (ingestion only)

1,4-Dichlorobenzene

Dichlorodifluoromethane

1,2-Dichloroethane (inhalation only)

1,1-Dichloroethylene

*trans*-1,2-Dichloroethylene

1,2-Dichloropropane (ingestion only)

Dieldrin (Res. & I/C only)

2,4-Dinitrotoluene

2,6-Dinitrotoluene

Di-n-octyl phthalate (ingestion only)

p-Dioxane

Endrin

Ethylbenzene (ingestion only)

Fluoranthene

Heptachlor

Heptachlor epoxide

Hexachlorobenzene

alpha-HCH (alpha-BHC)

gamma-HCH (gamma-BHC)

High Melting Explosive, Octogen (HMX)

Isophorone (inhalation only)

Methyl tertiary-butyl ether

Methylene Chloride (ingestion only)

Pentachlorophenol

Phenol (inhalation only)

Picloram

Styrene (ingestion only)

Tetrachloroethylene (ingestion only)

Toxaphene (CW only)

2,4,5-TP (Silvex)

1,2,4-Trichlorobenzene (inhalation only)

1,1,1-Trichloroethane (inhalation only)

1,1,2-Trichloroethane (ingestion only)

2,4,5-Trichlorophenol

2,4,6-Trinitrotoluene (TNT)

Vinyl Chloride

**Mortality**

Di-n-butyl phthalate (ingestion only)

Xylenes (Res. & I/C only) (ingestion only)

**Nervous System**

Butanol (ingestion only)

Carbon disulfide (inhalation only)

Cyanide

Dieldrin (CW only)

2,4-Dimethylphenol

2,4-Dinitrotoluene

2,6-Dinitrotoluene

Endrin

Hexachloroethane (inhalation only) (CW only)

Manganese

Mercury (inhalation only)

2-Methylphenol (o-cresol)

Phenol (inhalation only)

Selenium

Styrene (inhalation only)

Tetrachloroethylene (inhalation only)

Toluene (inhalation only)

Trichloroethylene

Xylenes (CW only) (ingestion only)

Xylenes (inhalation only)

**Reproductive System**

Arsenic (inhalation only)

Bis(2-ethylhexyl)phthalate (CW only) (ingestion only)

Boron

2-Butanone

Carbofuran

Carbon disulfide (ingestion only)

2-Chlorophenol

1,2-Dibromo-3-chloropropane

1,2-Dibromoethane (ingestion only)

Dicamba

Dinoseb

Ethylbenzene (inhalation only)

Isophorone (inhalation only)

Methoxychlor

Royal Demolition Explosive, Cyclonite (RDX)

2,4,6-Trichlorophenol

**Respiratory System**

Antimony (inhalation only)

Benzoic Acid (inhalation only)

Beryllium (inhalation only)

Cadmium (inhalation only)

Chromium (hex) (inhalation only)

Cobalt (inhalation only)

1,2-Dibromoethane (inhalation only)

*trans*-1,2-Dichloroethylene (inhalation only)

1,2-Dichloropropane (inhalation only)

1,3-Dichloropropene (*cis* + *trans*) (inhalation only)

Hexachlorocyclopentadiene (inhalation only)

Methyl bromide (inhalation only)

Naphthalene (inhalation only)

Nickel (inhalation only)

Nitrobenzene (inhalation only)

Vinyl acetate (inhalation only)

**Skin**

Arsenic (ingestion only)

Polychlorinated biphenyls (PCBs)

Selenium

Silver

**Spleen**

1,3-Dinotrobenzene

1,3,5-Trinitrobenzene

**Notes:**

Res. = Residential receptor

I/C = Industrial/Commercial receptor

CW = Construction Worker receptor

(Source: Amended at 37 Ill. Reg. 7506, effective May 15, 2013)