Indicative list of Chemicals under IDR Act, 1951

S. No.	List of Chemicals
1.	Hydrocyanic Acid (HCN)
Possible Derivative of Hydrocyanic Acid	
	Sodium cyanide
	Potassium cyanide
	Calcium cyanide
	Zinc cyanide
	Copper(I) cyanide
	Silver cyanide
	Mercury(II) cyanide
	Ferric ferrocyanide
	Potassium ferrocyanide
	Sodium ferrocyanide
	Potassium ferricyanide
	Nickel cyanide
	Acetonitrile
	Acrylonitrile
	Propionitrile
	Succinonitrile
	Adiponitrile
	Benzonitrile
	Cyanohydrins (e.g., acetone cyanohydrin)
	Cyanogen chloride
	Cyanogen bromide
	Thiocyanates
	Cyanuric chloride ($C_3N_3Cl_3$) – triazine derivative
	Cyanamide
	Dicyandiamide
	Other cyanogen compounds prepared by HCN
2.	Phosgene
Possible Derivatives of Phosgene	
Carbamoyl Chloride	
	Dimethyl Carbamoyl Chloride
	Diphenyl Carbamoyl Chloride
	Diethyl Carbamoyl Chloride

	N Ethyl N Methyl Carbamoyl Chloride
	N Methyl Piperazine Carbamoyl Chloride
	N, N Bis 2 Chloroethyl Carbamoyl Chloride
	Morpholine Carbamoyl Chloride
	N Methyl N Phenyl Carbamoyl Chloride
	Other Carbamoyl Chloride prepared by phosgene
Chloroformates	
	Benzyl Chloroformate
	Phenyl Chloroformate
	N Pentyl Chloroformate
	N Hexyl Chloroformate
	Isobutyl Chloroformate
	Methyl Chloroformate
	2 Ethyl Hexyl Chloroformate
	Cetyl Chloroformate
	Myristyl Chloroformate
	Tert-Butyl Cyclohexyl Chloroformate
	Sec Butyl Chloroformate
	1 Chloro2 Methyl Propyl Chloroformate
	Propyl Chloroformate
	Isopropyl Chloroformate
	Ethyl Chloroformates
	Cyclopentyl Chloroformate
	2-Chloroethyl chloroformate
	Octyl Thiochloroformate
	Vinyl Chloroformates
	Isopropenyl chloroformate
	Nitrophenyl Chloroformate
	Polyquat
	Other Chloroformates prepared by phosgene
Urea	
	1,3 Diethyl Urea
	Tetrabutyl Urea
	3,4,4 TrichloroCarbanilide
	Diuron
	Tetramethyl Urea

Isocyanates	
	Trans 4 Methyl Cyclohexyl Isocyanate
	2 Phenyl Ethyl Isocyanate
	Cyclohexyl Isocyanate
	2 Chloroethyl Isocyanate
	Isopropyl Isocyanate (75% in Toluene)
	Phenyl Isocyanate
	4 Chloro -3 -(Trifluoromethyl) Phenyl Isocyanate
	Tert Butyl Isocyanate
	3,4 Dichlorophenyl Isocyanate
	P - Toluene Sulfonyl Isocyanate
	Stearyl Isocyanate
	3,5 Dichlorophenyl Isocyanate
	3 Chlorophenyl Isocyanate
	4 Chloro Phenyl Isocyanate
	4 Isobutoxybenzyl Isocyanate
	2-Chloro Phenyl Isocyanate
	1,4-Phenylene diisocyate
Carbonates	
	Dimethyl Carbonate
	Bis 4 Nitro Phenyl Carbonate
	4,5-Dimethyl-1,3-Dioxolen-2-One
	4-Chloromethyl-5-Methyl-1,3-Dioxol-2-One
	4-(Hydroxy Methyl)-5-Methyl-1,3-Dioxol-2-One
	2-Methyl Cryloxy Ethyl Vinyl Carbonate
	Chloromethyl Isopropyl Carbonate
	Diphenyl Carbonate
	Other Carbonates prepared by phosgene
Chlorides/ Acid Chlorides	
	Pivaloyl Chloride
	Isobutyryl Chloride
	5 - Chlorovaleroyl Chloride
	3 Chloropropionyl Chloride - 3 CPC

	Chloroacetyl Chloride
	Other Chlorides/ Acid Chlorides prepared by phosgene
Carbamates	
	Benzyl Carbamate
	2-Methyl-2-Propyl-1,3-Propanediol Dichlocarbamate (90% in Toluene)
	N Butyl Propargyl Carbamate
	3 Iodo 2 Propynyl N Butyl Carbamate
	Other Carbamates prepared by phosgene
Carbodiimides	
	Dicyclohexyl Carbodiimide - DCC
	Others Carbodiimides prepared by phosgene
Nitriles	
	Ethyl 2- (Hydroxylmino) Cynoacetate
	Acetonitrile
	2 Cyano Phenol
	Any Other Nitriles prepared by phosgene
Polymers	
	polycarbonates
	polyurethanes
3.	**isocyanates and diisocyanates of hydrocarbons**
(i)	**Mono-isocyanates derivatives**
	Methyl isocyanate (MIC)
	Ethyl isocyanate
	n-Propyl isocyanate
	Isopropyl isocyanate
	Butyl isocyanate
	Phenyl isocyanate
	Tert-butyl isocyanate
	Cyclohexyl isocyanate
(ii)	**Di-isocyanates derivatives**
	Toluene diisocyanate (TDI)
	Methylene diphenyl diisocyanate (MDI)
	Naphthalene diisocyanate (NDI)
	Hexamethylene diisocyanate (HDI)
	Isophorone diisocyanate (IPDI)
	Hydrogenated MDI (H_{12}MDI)
	Cyclohexane diisocyanate (CHDI)
	Tetramethylxylene diisocyanate (TMXDI)
	Other cyanate derivatives