4501:5-2-01 APPENDIX

Ohio Department of Public Safety
Ohio Homeland Security Division
Identified Chemical, Biological, Radiological, Nuclear and Explosive Agents

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CHEMICAL AGENTS

Chemical Weapons and Precursors

SCHEDULE 1 – (Toxic Chemicals)

1. O-Alkyl (<C10, incl. cycloalkyl) alkyl (Me, Et, n-Pr or i-Pr)-phosphonofluoridates
   Sarin - 0-Isopropyl methylphosphonofluoridate
   Soman - 0-Pinacolyl methylphosphonofluoridate
2. 0-Alkyl (≤ C10, incl. cycloalkyl) N,N-dialkyl (Me, Et, n-Pr or i-Pr)-phosphoramidocyanidates
   Tabun: 0-Ethyl N,N-dimethyl phosphoramidocyanidate
3. 0-Alkyl (H or ≤ C10, incl. cycloalkyl) S-2-dialkyl (Me, Et, n-Pr or i-Pr)-aminoethyl alkyl
   (Me,Et, n-Pr or i-Pr)-phosphonothiolates and corresponding alkylated or protonated salts
   VX: 0-Ethyl S-2-diisopropylaminoethyl methyl phosphonothiolate
4. Sulfur mustards:
   2-Chloroethylchloromethylsulfide
   Mustard gas: Bis(2-chloroethyl)sulfide
   Bis(2-chloroethylthio)methane
   Sesquimustard: 1,2-Bis(2-chloroethylthio)ethane
   1,3-Bis(2-chloroethylthio)-n-propane
   1,4-Bis(2-chloroethylthio)-n-butane
   1,5-Bis(2-chloroethylthio)-n-pentane
   Bis(2-chloroethylthiomethyl)ether
   0-Mustard: Bis(2-chloroethylthioethyl)ether
5. Lewisites:
   Lewisite 1: 2-Chlorovinyldichloroarsine
   Lewisite 2: Bis(2-chlorovinyl)chloroarsine
   Lewisite 3: Tris(2-chlorovinyl)arsine
6. Nitrogen mustards:
   HN1: Bis(2-chloroethyl)ethylamine
   HN2: Bis(2-chloroethyl)methylamine
   HN3: Tris(2-chloroethyl)amine
7. Ricin
8. Saxitoxin

SCHEDULE 1 – (Precursors)

9. Alkyl (Me, Et, n-Pr or i-Pr) phosphonyldifluorides
   DF: Methylphosphonyldifluoride
10. 0-Alkyl (H or ≤ C10, incl. cycloalkyl) 0-2-dialkyl (Me, Et, n-Pr or i-Pr)-aminoethyl alkyl (Me, Et, n-Pr or i-Pr) phosphonites and corresponding alkylated or protonated salts
    QL: 0-Ethyl 0-2-diisopropylaminoethyl methylphosphonite
11. Chlorosarin: 0-Isopropyl methylphosphonochloridate
12. Chlorosoman: 0-Pinacolyl methylphosphonochloridate

SCHEDULE 2 – (Toxic Chemicals)

1. Amiton: 0,0-Diethyl S-[2-(diethylamino)ethyl] phosphorothiolate and corresponding alkylated or protonated salts
2. PFIB: 1,1,3,3,3-Pentafluoro-2-(trifluoromethyl)-1-propene
3. BZ: 3-Quinuclidinyl benzilate

SCHEDULE 2 – (Precursors)

4. Chemicals, except for those listed in Schedule 1, containing a phosphorus atom to which is bonded one methyl, ethyl or propyl (normal or iso) group but not further carbon atoms,
   Methylphosphonyl dichloride
   Dimethyl methylphosphonate
   Exemption: Fonofos: 0-Ethyl S-phenyl ethylphosphonothiolothionate
5. N,N-Dialkyl (Me, Et, n-Pr or i-Pr) phosphoramidic dihalides
6. Dialkyl (Me, Et, n-Pr or i-Pr) N,N-dialkyl (Me, Et, n-Pr or i-Pr)-phosphoramidates
7. Arsenic trichloride
8. 2,2-Diphenyl-2-hydroxyacetic acid
9. Quinuclidine-3-ol
10. N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethyl-2-chlorides and corresponding protonated salts
11. N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-ols and corresponding protonated salts
    Exemptions:
    N,N-Dimethylaminoethanol and corresponding protonated salts
    N,N-Diethylaminoethanol and corresponding protonated salts
12. N,N-Dialkyl (Me, Et, n-Pr or i-Pr) aminoethane-2-thiols and corresponding protonated salts
13. Thiodiglycol: Bis(2-hydroxyethyl)sulfide
14. Pinacolyl alcohol: 3,3-Dimethylbutane-2-ol

SCHEDULE 3 – (Toxic Chemicals)

1. Phosgene: Carbonyl dichloride
2. Cyanogen chloride
3. Hydrogen cyanide
4. Chloropicrin: Trichloronitromethane

SCHEDULE 3 – (Precursors)

5. Phosphorus oxychloride
6. Phosphorus trichloride
7. Phosphorus pentachloride
8. Trimethyl phosphate
9. Triethyl phosphate
10. Dimethyl phosphate
11. Diethyl phosphate
12. Sulfur monochloride
13. Sulfur dichloride
14. Thionyl chloride
15. Ethyldiethanolamine
16. Methyldiethanolamine
17. Triethanolamine

Extremely Hazardous Substances

Acetone Cyanohydrin
Acetone Thiosemicarbazide
Acrolein
Acrylamide
Acrylonitrile
Acrylyl Chloride
Adiponitrile
Aldicarb
Aldrin
Allyl Alcohol
Allylamine
Aluminum Phosphide
Aminopterin
Amiton
Amiton Oxalate
Ammonia
Amphetamine
Aniline

Aniline, 2,4,6-trimethyl
Antimony pentafluoride
Antimycin A
ANTU
Arsenic pentoxide
Arsenous oxide
Arsenous trichloride
Arsine
Azinphos-Ethyl
Azinphos-Methyl

Benzal Chloride
Benzenamine, 3-(trifluoromethyl)-
Benzene, 1-(chloromethyl)-4-nitro
Benzenearsonic Acid
Benzimidazole,4,5-Dichloro-2-(Trifluoromethyl)
Benzotrichloride [Benzoic trichloride]
Benzyl Chloride
Benzyl Cyanide
Bicyclo[2.2.1]Heptane-2-
Carbonitrile, 5-chloro-6-
Bis (Chloromethyl) Ketone
Bitoscanate
Boron Trichloride
Boron Trifluoride
Boron Trifluoride compound with Methyl Ether (1:1)
Bromadiolone
Bromine
iso Butyronitrile

Cadmium Oxide
Cadmium Stearate
Calcium arsenate
Camphechlor
Cantharidin
Carbachol Chloride
Carbamic acid, methyl-,0-(((2,4-dimethyl-1,3-dithiolan-2-yl) Methylene) Amino)
Carbofuran
Carbon Disulfide
Carbophenothion
Chlordane
Chlorfenvinfos
Chlorine

Chlormephos
Chlormequat Chloride
Chloroacetic Acid
Chloroethanol
Chloroethyl Chloroformate
Chloroform
Chloromethyl ether
Chloromethyl methyl ether
Chlorophacinone
Chloroxuron
Chlorthiophos
Chromic Chloride
Cobalt Carbonyl
Cobalt, ((2,2'-(1,2-Ethanediyl-bis-(nitrilomethylidyne)
Colchicine
Coumaphos
Coumatetralyl
Cresol,o-
Crimidine
Crotonaldehyde, (E)-
Crotonaldehyde
Cyanogen Bromide
Cyanogen Iodide
Cyanophos
Cyanuric Fluoride
Cycloheximide
Cyclohexylamine

Decaborane (14)
Demeton
Demeton-S-Methyl
Dialifor
Diborane
Dichloroethyl ether
Dichloromethylphenylsilane
Dichlorvos
Dicrotophos
Diepoxybutane
Diethyl Chlorophosphate
Digitoxin
Diglycidyl Ether
Digoxin
Dimefox

Dimethoate
Dimethyl Phosphorochloridothioate
Dimethyl sulfate
Dimethyl-p-Phenylenediamine
Dimethyldichlorosilane
1,1-Dimethylhydrazine
Dimetilan
Dinitrocresol
Dinoseb
Dinoterb
Dioxathion
Diphacinone
Diphosphoramide, octamethyl-
Disulfoton
Dithiazanine Iodide
Dithiobiuret

Emetine, Dihydrochloride
Endosulfan
Endothion
Endrin
Epichlorohydrin
EPN
Ergocalciferol
Ergotamine Tartrate
Ethanesulfonyl Chloride, 2-Chloro
Ethanol, 1,2-Dichloro-, Acetate
Ethion
Ethoprophos
Ethyl bis (2-Chloroethyl) Amine
Ethylene Fluorohydrin
Ethylene oxide
Ethylenediamine
Ethyleneimine
Ethylthiocyanate

Fenamiphos
Fensulfothion
Fluenetil
Fluorine
Fluoroacetamide
Fluoroacetic Acid
Fluoroacetyl Chloride

Fluorouracil
Fonofos
Formaldehyde
Formaldehyde Cyanohydrin
Formethanate Hydrochloride
Formothion
Formparanate
Fosthietan
Fuberidazole
Furan

Gallium Trichloride

Hexachlorocyclopentadiene
Hexamethylenediamine, N,N'-Dibutyl
Hydrazine
74-90-8 Hydrocyanic Acid (Hydrogen cyanide)
Hydrogen Chloride (gas only)
Hydrogen Fluoride
Hydrogen Peroxide (Conc > 52%)
Hydrogen Selenide
Hydrogen Sulfide
Hydroquinone

Iron, pentacarbonyl
Isobenzan
Isobutyronitrile
Isocyanic Acid, 3,4-Dichlorophenyl Ester
Isodrin
Isofluorphate
Isophorone Diisocyanate
Isopropyl Chloroformate
Isopropylmethylpyrazolyl Dimethylcarbamate

Lactonitrile
Leptophos
Lewisite
Lindane ("gamma-BHC")
Lithium Hydride

Malononitrile
Maganese, Tricarbonyl Methylcyclopentadienyl
Mechlorethamine

Mephosfolan
Mercuric Acetate
Mercuric Chloride
Mercuric Oxide
Methacrolein Diacetate
Methacrylic Anhydride
Methacrylonitrile
Methacryloyl Chloride
Methacryloyloxyethyl isocyanate
Methamidophos
Methanesulfonyl Fluoride
Methidathion
Methiocarb
Methomyl
Methoxyethylmercuric Acetate
Methyl 2-Chloroacrylate
Methyl bromide
Methyl Chloroformate
Methyl Hydrazine
Methyl Isocyanate
Methyl Isothiocyanate
Methyl Mercaptan
Methyl Phenkapton
Methyl Phosphonic Dichloride
Methyl Thiocyanate
Methyl Vinyl Ketone
Methylmercuric Dicyanamide
Methyltrichlorosilane
Metolcarb
Mevinphos
Mexacarbate
Mitomycin C
Monocrotophos
Muscimol
Mustard gas

Nickel carbonyl
Nicotine
Nicotine sulfate
Nitric Acid
Nitric Oxide
Nitrobenzene
Nitrocyclohexane

Nitrosodimethylamine
Nitrogen Dioxide
Norbormide

OrganoRhodium Complex (PMN-82-147)
Ouabain
Oxamyl
Oxetane, 3,3-bis (Chloromethyl)
Oxydisulfoton
Ozone

Paraquat
Paraquat methosulfate
Parathion
Parathion-Methyl
Paris green
Pentaborane
Pentadecylamine
Peracetic acid
Perchloromethylmercaptan
Phenol
Phenol, 2,2'-Thiobis[4-Chloro-6-Methyl]
Phenol, 3-(1-Methylethyl)-, methylcarbamate
Phenoxarsine, 10,10'-Oxydi-
Phenyl Dichloroarsine
Phenylhydrazine Hydrochloride
Phenylmercury Acetate
Phenylsilatrane
Phenylthiourea
Phorate
Phosacetim
Phosfolan
Phosgene
Phosphamidon
Phosphine
Phosphonothioic Acid, Methyl-, O-Ethyl 0-(4-500 (Methylthio)Phenyl)Ester
Phosphonothioic Acid, Methyl-, S-(2-(bis(1-methylethyl)Amino)Ethyl (o-Ethyl Ester)
Phosphonothioic Acid, Methyl-,0-(4-Nitrophenyl) O-Phenyl Ester
Phosphoric Acid, Dimethyl 4-(Methylthio)Phenyl Ester
Phosphorothoic Acid, 0,0- DiMethyl-S-(2-Methylthio) Ethyl Ester
Phosphorus
Phosphorus Oxychloride

Phosphorus Pentachloride
Phosphorous Trichloride
Physostigmine
Physostigmine, Salicylate (1:1)
Picrotoxin
Piperidine
Pirimifos -Ethyl
Potassium arsenite
Potassium Cyanide
Potassium Silver Cyanide
Promecarb
Propargyl Bromide
Propiolactone, Beta
Propionitrile
Propionitrile, 3-Chloro-
Propiophenone, 4-Amino-
Propyl Chloroformate
Propylene Oxide
Propyleneimine
Prothoate
Pyrene
Pyridine, 2-Methyl-5-Vinyl
Pyridine, 4-Amino
Pyridine, 4-Nitro-, 1-Oxide
Pyriminil

Salcomine
Sarin
Selenious acid
Selenium Oxychloride
Semicarbazide Hydrochloride
Silane, (4-Aminobutyl) Diethoxymethyl
Sodium Arsenate
Sodium Arsenite
Sodium Azide (Na[N3])
Sodium Cacodylate
Sodium Cyanide (Na(CN))
Sodium Fluoroacetate
Sodium Selenate
Sodium Selenite
Sodium Tellurite
Stannane, Acetoxytriphenyl
Strychnine

Strychnine sulfate
Sulfotep
Sulfoxide, 3-Chloropropyl octyl
Sulfur Dioxide
Sulfur Tetrafluoride
Sulfur Trioxide
Sulfuric Acid

Tabun
Tellurium Hexafluoride
TEPP
Terbufos
Tetraethyllead
Tetraethyltin
Tetramethyllead
Tetranitromethane
Thallium Sulfate
Thallous Carbonate
Thallous Chloride
Thallous Malonate
Thallous Sulfate
Thiocarbazide
Thiofanox
Thionazin
Thiophenol
Thiosemicarbazide
Thiourea, (2-Chlorophenyl)
Thiourea, (2-Methylphenyl)
Titanium Tetrachloride
Toluene 2,4-Diisocyanate
Toluene 2,6-Diisocyanate
Trans -1,4-dichlorobutene
Triamiphos
Triazofos
Trichloroacetyl Chloride
Trichloroethylsilane
Trichloranate
Trichlorophenylsilane
Trichloro (Chloromethyl) Silane
Trichloro (Dichlorophenyl) Silane
Triethoxysilane
Trimethylchlorosilane
Trimethylolpropane Phosphite

Trimethyltin Chloride
Triphenyltin Chloride
Tris (2-Chloroethyl) amine

Valinomycin
Vanadium Pentoxide
Vinyl Acetate (monomer)

Warfarin
Warfarin sodium

Xylene Dichloride

Zinc, Dichloro (4,4-Dimethyl-5 (methylamino) carboynl) oxy) lmino) Pentanenitrile)-,(T-4)
Zinc Phosphide

BIOLOGICAL AGENTS

Abrin

Bacillus anthracis
Botulinum neurotoxins
Botulinum neurotoxin producing species of *Clostridium*
Brucella abortus
Brucella melitensis
Brucella suis
Burkholderia mallei (formerly *Pseudomonas mallei*)
Burkholderia pseudomallei (formerly *Pseudomonas pseudomallei*)

Cercopithecine herpesvirus 1 (Herpes B virus)
Clostridium perfringens epsilon toxin
Coccidioides immitis
Coccidioides posadasii
Conotoxins
Coxiella burnetii
Crimean-Congo haemorrhagic fever virus

Diacetoxyscirpenol

Eastern Equine Encephalitis virus
Ebola virus

Francisella tularensis

Hendra virus

Lassa fever virus

Marburg virus
Monkeypox virus

Nipah virus

Reconstructed replication competent forms of the 1918 pandemic influenza virus containing any portion of the coding regions of all eight gene segments (Reconstructed 1918 Influenza virus)
Ricin
Rickettsia prowazekii
Rickettsia rickettsii
Rift Valley fever virus

Saxitoxin
Shiga-like ribosome inactivating proteins
Shigatoxin
South American Haemorrhagic Fever viruses:
- Flexal
- Guanarito
- Junin
- Machupo
- Sabia

Staphylococcal enterotoxins

T-2 toxin
Tetrodotoxin
Tick-borne encephalitis complex (flavi) viruses:
- Central European Tick-borne encephalitis
- Far Eastern Tick-borne encephalitis
- Kyasanur Forest disease
- Omsk Hemorrhagic Fever
- Russian Spring and Summer encephalitis

Variola major virus (Smallpox virus) and Variola minor virus (Alastrim)
Venezuelan Equine Encephalitis virus

Yersinia pestis

Animal and Livestock Diseases

African horse sickness virus
African swine fever virus
Akabane virus
Avian influenza virus (highly pathogenic)

Bluetongue virus (Exotic)
Bovine spongiform encephalopathy agent

Camel pox virus
Classical swine fever virus
Cowdria ruminantium (Heartwater)

Foot-and-mouth disease virus

Goat pox virus

Japanese encephalitis virus

Lumpy skin disease virus

Malignant catarrhal fever virus (Alcelaphine herpesvirus type 1)
Menangle virus
Mycoplasma capricolum/ M.F38/ *M. mycoides Capri* (contagious caprine pleuropneumonia)
Mycoplasma mycoides mycoides (contagious bovine pleuropneumonia)

Newcastle disease virus (velogenic)

Peste des petits ruminants virus

Rinderpest virus

Sheep pox virus
Swine vesicular disease virus

Vesicular stomatitis virus (Exotic)

Plant Diseases

Candidatus Liberobacter africanus
Candidatus Liberobacter asiaticus

Peronosclerospora philippinensis

Ralstonia solanacearum race 3, biovar 2

Schlerophthora rayssiae var *zeae*
Synchytrium endobioticum

Xanthomonas oryzae pv. *Oryzicola*
Xylella fastidiosa (citrus variegated chlorosis strain)

RADIOLOGICAL AGENTS

Radioisotopes / Radionuclides

Cobalt-60
Cesium-137
Iridium-192
Strontium-90 (Yttrium-90)
Americium-241 or 241/Be
Californium-252
Plutonium-238 or 239/Be
Radium-226
Curium-244
Gadolinium-153
Promethium-147
Selenium-75
Thulium-170
Ytterbium-169

NUCLEAR AGENTS

Plutonium 238
Spent or reprocessed fuel
Thorium
Uranium 233, 235

EXPLOSIVE AGENTS

Acetylides of heavy metals.
Aluminum containing polymeric propellant.
Aluminum ophorite explosive.
Amatex.
Amatol.
Ammonal.

Ammonium nitrate explosive mixtures (cap sensitive).
*Ammonium nitrate explosive mixtures (non-cap sensitive).
Ammonium perchlorate composite propellant.
Ammonium perchlorate explosive mixtures.
Ammonium picrate [picrate of ammonia, Explosive D].
Ammonium salt lattice with isomorphously substituted inorganic salts.
*ANFO [ammonium nitrate-fuel oil].
Aromatic nitro-compound explosive mixtures.
Azide explosives.

Baranol.
Baratol.
BEAF [1, 2-bis (2, 2-difluoro-2-nitroacetoxyethane)].
Black powder.
Black powder based explosive mixtures.
*Blasting agents, nitro-carbo-nitrates, including non-cap sensitive slurry and water gel explosives.
Blasting caps.
Blasting gelatin.
Blasting powder.
BTNEC [bis (trinitroethyl) carbonate].
BTNEN [bis (trinitroethyl) nitramine].
BTTN [1,2,4 butanetriol trinitrate].
Bulk salutes.
Butyl tetryl.

Calcium nitrate explosive mixture.
Cellulose hexanitrate explosive mixture.
Chlorate explosive mixtures.
Composition A and variations.
Composition B and variations.
Composition C and variations.
Copper acetylide.
Cyanuric triazide.
Cyclonite [RDX].
Cyclotetramethylenetetranitramine [HMX].
Cyclotol.
Cyclotrimethylenetrinitramine [RDX].

DATB [diaminotrinitrobenzene].
DDNP [diazodinitrophenol].
DEGDN [diethyleneglycol dinitrate].
Detonating cord.

Detonators.
Dimethylol dimethyl methane dinitrate composition.
Dinitroethyleneurea.
Dinitroglycerine [glycerol dinitrate].
Dinitrophenol.
Dinitrophenolates.
Dinitrophenyl hydrazine.
Dinitroresorcinol.
Dinitrotoluene-sodium nitrate explosive mixtures.
DIPAM [dipicramide; diaminohexanitrobiphenyl].
Dipicryl sulfone.
Dipicrylamine.
Display fireworks.
DNPA [2,2-dinitropropyl acrylate].
DNPD [dinitropentano nitrile].
Dynamite.

EDDN [ethylene diamine dinitrate].
EDNA [ethylenedinitramine].
Ednatol.
EDNP [ethyl 4,4-dinitropentanoate].
EGDN [ethylene glycol dinitrate].
Erythritol tetranitrate explosives.
Esters of nitro-substituted alcohols.
Ethyl-tetryl.
Explosive conitrates.
Explosive gelatins.
Explosive liquids.
Explosive mixtures containing oxygen-releasing inorganic salts and hydrocarbons.
Explosive mixtures containing oxygen-releasing inorganic salts and nitro bodies.
Explosive mixtures containing oxygen-releasing inorganic salts and water insoluble fuels.
Explosive mixtures containing oxygen-releasing inorganic salts and water soluble fuels.
Explosive mixtures containing sensitized nitromethane.
Explosive mixtures containing tetranitromethane (nitroform).
Explosive nitro compounds of aromatic hydrocarbons.
Explosive organic nitrate mixtures.
Explosive powders.

Flash powder.
Fulminate of mercury.

Fulminate of silver.
Fulminating gold.
Fulminating mercury.
Fulminating platinum.
Fulminating silver.

Gelatinized nitrocellulose.
Gem-dinitro aliphatic explosive mixtures.
Guanyl nitrosamino guanyl tetrazene.
Guanyl nitrosamino guanylidene hydrazine.
Guncotton.

Heavy metal azides.
Hexanite.
Hexanitrodiphenylamine.
Hexanitrostilbene.
Hexogen [RDX].
Hexogene or octogene and a nitrated N-methylaniline.
Hexolites.
HMTD [hexamethylenetriperoxidediamine].
HMX [cyclo-1,3,5,7-tetramethylene 2,4,6,8-tetranitramine; Octogen].
Hydrazinium nitrate/hydrazine/aluminum explosive system.
Hydrazoic acid.

Igniter cord.
Igniters.
Initiating tube systems.

KDNBF [potassium dinitrobenzo-furoxane].

Lead azide.
Lead mannite.
Lead mononitroresorcinate.
Lead picrate.
Lead salts, explosive.
Lead styphnate [styphnate of lead, lead trinitroresorcinate].
Liquid nitrated polyol and trimethylolethane.
Liquid oxygen explosives.

Magnesium ophorite explosives.
Mannitol hexanitrate.
MDNP [methyl 4,4-dinitropentanoate].
MEAN [monoethanolamine nitrate].

Mercuric fulminate.
Mercury oxalate.
Mercury tartrate.
Metriol trinitrate.
Minol-2 [40% TNT, 40% ammonium nitrate, 20% aluminum].
MMAN [monomethylamine nitrate]; methylamine nitrate.
Mononitrotoluene-nitroglycerin mixture.
Monopropellants.

NIBTN [nitroisobutametriol trinitrate].
Nitrate explosive mixtures.
Nitrate sensitized with gelled nitroparaffin.
Nitrated carbohydrate explosive.
Nitrated glucoside explosive.
Nitrated polyhydric alcohol explosives.
Nitric acid and a nitro aromatic compound explosive.
Nitric acid and carboxylic fuel explosive.
Nitric acid explosive mixtures.
Nitro aromatic explosive mixtures.
Nitro compounds of furane explosive mixtures.
Nitrocellulose explosive.
Nitroderivative of urea explosive mixture.
Nitrogelatin explosive.
Nitrogen trichloride.
Nitrogen tri-iodide.
Nitroglycerine [NG, RNG, nitro, glyceryl trinitrate, trinitroglycerine].
Nitroglycide.
Nitroglycol [ethylene glycol dinitrate, EGDN].
Nitroguanidine explosives.
Nitronium perchlorate propellant mixtures.
Nitroparaffins Explosive Grade and ammonium nitrate mixtures.
Nitrostarch.
Nitro-substituted carboxylic acids.
Nitrourea.

Octogen [HMX].
Octol [75 percent HMX, 25 percent TNT].
Organic amine nitrates.
Organic nitramines.

PBX [plastic bonded explosives].
Pellet powder.
Penthrinite composition.

Pentolite.
Perchlorate explosive mixtures.
Peroxide based explosive mixtures.
PETN [nitropentaerythrite, pentaerythrite tetranitrate, pentaerythritol tetranitrate].
Picramic acid and its salts.
Picramide.
Picrate explosives.
Picrate of potassium explosive mixtures.
Picratol.
Picric acid (manufactured as an explosive).
Picryl chloride.
Picryl fluoride.
PLX [95% nitromethane, 5% ethylenediamine].
Polynitro aliphatic compounds.
Polyolpolynitrate-nitrocellulose explosive gels.
Potassium chlorate and lead sulfocyanate explosive.
Potassium nitrate explosive mixtures.
Potassium nitroaminotetrazole.
Pyrotechnic compositions.
PYX [2,6-bis(picrylamino)] -3,5-dinitropyridine.

RDX [cyclonite, hexogen, T4, cyclo-1,3,5,-trimethylene-2,4,6,-trinitramine; hexahydro-1,3,5-trinitro-S-triazine].

Safety fuse.
Salts of organic amino sulfonic acid explosive mixture.
Salutes (bulk).
Silver acetylide.
Silver azide.
Silver fulminate.
Silver oxalate explosive mixtures.
Silver styphnate.
Silver tartrate explosive mixtures.
Silver tetrazene.
Slurried explosive mixtures of water, inorganic oxidizing salt, gelling agent, fuel, and sensitizer (cap -
sensitive)
Smokeless powder.
Sodatol.
Sodium amatol.
Sodium azide explosive mixture.
Sodium dinitro-ortho-cresolate.
Sodium nitrate explosive mixtures.

Sodium nitrate-potassium nitrate explosive mixture.
Sodium picramate.
Special fireworks.
Squibs.
Styphnic acid explosives.

Tacot [tetranitro-2,3,5,6-dibenzo- 1,3a,4,6a tetrazapentalene].
TATB [triaminotrinitrobenzene].
TATP [triacetonetriperoxide].
TEGDN [triethylene glycol dinitrate].
Tetranitrocarbazole.
Tetrazene [tetracene, tetrazine, 1(5-tetrazolyl)-4-guanyl tetrazene hydrate].
Tetryl [2,4,6 tetranitro-N-methylaniline].
Tetrytol.
Thickened inorganic oxidizer salt slurried explosive mixture.
TMETN [trimethylolethane trinitrate].
TNEF [trinitroethyl formal].
TNEOC [trinitroethylorthocarbonate].
TNEOF [trinitroethylorthoformate].
TNT [trinitrotoluene, trotyl, trilite, triton].
Torpex.
Tridite.
Trimethylol ethyl methane trinitrate composition.
Trimethylolthane trinitrate-nitrocellulose.
Trimonite.
Trinitroanisole.
Trinitrobenzene.
Trinitrobenzoic acid.
Trinitrocresol.
Trinitro-meta-cresol.
Trinitronaphthalene.
Trinitrophenetol.
Trinitrophloroglucinol.
Trinitroresorcinol.
Tritonal.

Urea nitrate.

Water-bearing explosives having salts of oxidizing acids and nitrogen bases, sulfates, or sulfamates (cap sensitive)
Water-in-oil emulsion explosive compositions

Xanthamonas hydrophilic colloid explosive mixture