

EXPLOSIVE

Family or Compound	CAS	Hazard
Acetylene or acetylide compounds:		
N-Chloro-3-aminopropyne		EX
2-Buten-1-yl diazoacetate	14746-03-3	EX
Propiolic acid	79-09-4	EX
Propynethiol		EX
Acyl azides		
Acetyl azide		EX
Cyanodiazaoacetyl azide		EX
Phenylphosphonic azide chloride		EX
Acyl hypohalites		
Acetyl hypobromite	4254-22-2	EX
Hexafluoroglutaryl dihypochlorite	71359-64-3	EX
Alkyl nitrates		
Ethylidene dinitrate	55044-04-7	EX
Glyceryl trinitrate	9010-02-0	EX
Propyl nitrate	627-13-4	EX
Alkyl perchlorates		
Hexyl perchlorate		EX
Ethyl perchlorate	22750-93-2	EX
1-Chloro-2-propyl perchlorate		EX
Allyl trifluoromethanesulfonates		
2-Chloro-2-propenyl trifluoromethanesulfonate		EX
Amminemetal oxosalts		
Ammonium hexanitrocobaltate		EX
Bis(1,2-diaminoethane) diaquacobalt (III) perchlorate		EX
Trihydrazine nickel (II) nitrate		EX
Aromatic nitrates		
Picric acid	88-89-1	EX
Trinitrobenzene	99-35-4	EX
Picryl sulfonic acid	2508-19-2	EX

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Azides		EX
Sodium azide	26628-22-8	EX
Lead azide	13424-46-9	EX
Hydrogen azide	7782-79-8	EX
Aziridines		EX
1-Bromoaziridine		EX
Azocarbaboranes		EX
1,1-'Azo-1,2-dicarbadeborane	7553-56-2	EX
N-Azolium nitroimidates		EX
Benzimidazolium 1-nitroimidate	52096-22-7	EX
4-Nitroamino-1,2,4-triazole	52096-16-9	EX
2-(N-Nitroamino)pyridine N-oxide		EX
N-Metal Derivatives		EX
Cadmium nitride	12380-95-9	EX
Dibutylthallium isocyanate		EX
Sodium amide	7782-92-5	EX
Metal Fulminates		EX
Mercury (II) fulminate	628-86-4	EX
Sodium fulminate	15736-98-8	EX
Tripropyllead fulminate		EX
Metal Halogenates		EX
Lead bromate	34018-28-5	EX
Metal Hydrides		EX
Stibine (Antimony hydride)	7803-52-3	EX
Metal Nitrophenoxides		EX
Lithium 4-nitrothiophenoxide	78350-94-4	EX
Potassium 4-nitrophenoxide	1124-31-8	EX
Metal Oxides		EX
Bis (1-chloroethylthallium chloride) oxide		EX
Magnesium chloride trioxide		EX

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Metal Oxohalogenates

Ammonium iodate	13446-09-8	EX
Lead acetate—lead bromate		EX

Metal Oxometallates

Bis (benzene) chromium dichromate	1271-54-1	EX
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Metal Perchlorates

Chromyl perchlorate		EX
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Metal Peroxides

Many transition metal peroxides are dangerously explosive.		EX
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Metal Peroxomolybdates

2-Potassium tetraperoxomolybdate		EX
2-Sodium tetraperoxomolybdate		EX

Metal Picramates

Palladium picramate		EX
Uranyl picramate		EX

Nitroaryl Compounds

N-Chloro-4-nitroaniline	59483-61-3	EX
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Nitrogenous Base Nitrite Salts

Methylammonium nitrite	22113-87-7	EX
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aci-Nitroquinonoid Compounds

Sodium 1,4-bis(aci-nitro)-2,5-cyclohexadienide		EX
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aci-Nitro Salts

Ammonium aci-nitromethanide		EX
Dipotassium aci-dinitromethanide		EX
Thallium aci-phenylnitromethanide	53847-48-6	EX

Peroxyacid salts

Calcium peroxodisulfate	13235-16-0	EX
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Potassium tetraperoxomolybdate		EX	
Tetramethylammonium pentaperoxodichromate		EX	
Peroxyacids		EX	
Benzenperoxyselemonic acid		EX	
Peroxyacetic acid	79-21-0	EX	Peracetic acid
Peroxyformic acid	107-32-4	EX	
Peroxycarbonate esters		EX	
O-O-tert-Butyl isopropyl monoperoxy carbonate	002372-21-6	EX	
Diallyl peroxydicarbonate	34037-79-1	EX	
Dimethyl peroxydicarbonate		EX	
Phosphorus esters		EX	
Diethyl phosphite	762-04-9	EX	
Dibenzyl phosphorchloridate		EX	
Picrates		EX	
Nickel picrate (anhydrous)		EX	
S-7-Methylnonylthiuronium picrate		EX	
Sodium picrate	73771-13-8	EX	
Platinum Compounds		EX	
Amminedecahydroxydiplatinum		EX	
cis-Diammineplatinum (II) nitrate	15663-27-1	EX	
Trimethylplatinum hydroxide	14477-33-9	EX	
Poly(dimercuryimmonium) Compounds		EX	
Poly(dimercuryimmonium picrate)		EX	
Poly(dimercuryimmonium permanganate)		EX	
Poly(dimercuryimmonium trinitrobenzoate)		EX	
Polymerization (violent)		EX	
Acrylic acid	79-10-7	EX	
Ethylene oxide	75-21-8	EX	
Vinyl acetate	108-05-4	EX	
Polynitroalkyl Coumpounds		EX	
Dinitroacetonitrile	921-22-2	EX	

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Hexanitroethane	918-37-6	EX
Potassium trinitromethanide	14268-23-6	EX
Polynitroaryl Compounds		EX
5,6-Dinitro-2-dimethyl aminopyrimidinone		EX
4-Nitro-1-picryl-1,2,3-triazole		EX
2,4,6-Trinitrotoluene	118-96-7	EX
Silver Compounds		EX
Silver nitride (fulminating silver)	20737-02-4	EX
Disilver ketenide		EX
Phenylsilver	5274-48-6	EX
Silver azide	13863-88-2	EX
Silver Osmate		EX
Diazo compounds		EX
Diethyl diazomalonate		EX
Dinitrodiazomethane	25240-93-1	EX
Diazonium carboxylates, perchlorates, salts, sulfates, tetrahaloborates, and, triiodides		EX
Benzenediazonium-2-carboxylate	1608-42-0	EX
4-Aminobenzenediazonium perchlorate		EX
6-chloro-2,4-dinitrobenzenediazonium sulfate		EX
2-Nitrobenzenediazonium tetrachloroborate		EX
4-Toluenediazonium triiodide	68596-94-1	EX
Difluoroaminoalkanoles		EX
1,1-Difluorourea		EX
Perfluoro-N-cyanodiaminomethane		EX
Fluoro-nitro compounds		EX
1-Fluoro-1,1-dinitrobutane	19273-47-3	EX
Fluorodinitromethyl azide		EX
Fulminating metals		EX
Lead fulminate		EX
Gold fulminate		EX
Silver fulminate	5610-59-3	EX

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Furazan N-oxides

Dicyanofurazan N-oxide	55644-07-0	EX
4-Oximino4,5,6,7-tetrahydrobenzofurazan N-oxide		EX

Hydroxooxidiperoxochromate salts

1-Ammonium hydroxooxidiperoxochromate		EX
Potassium hydroxooxidiperoxochromate		EX

Iodine Compounds

Calcium 2-iodylbenzoate	59643-77-5	EX
Iodobenzene	591-50-4	EX
2-Iodylvinyl chloride		EX

Isoxazoles

3-Aminoisoxazole	1750-42-1	EX
3,5-Dimethylisoxazole	300-87-8	EX

Metal Azide Halides

Chromyl azide chloride	14259-67-7	EX
Molybdenum diazide tetrachloride	14259-66-6	EX
Tungsten azide pentachloride		EX

Metal Azides

Aluminum azide		EX
Bis(cyclopentadienyl)tungsten diazide oxide		EX
Mercury (I&II) azide		EX
Sodium azide	26628-22-8	EX

Nitroso Compounds

Dinitrosylnickel		EX
Ethyl N-methyl-N-nitrosocarbamate	615-53-2	EX
Potassium nitrosodisulfate		EX

N—S Compounds

Disulfur dinitride	25474-92-4	EX
Potassium sulfurdiiimide		EX
Tetrasulfur tetranitride	28950-34-7	EX
Thiothiazyl nitrate	79796-40-0	EX

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Organic Acids

Picric acid	88-89-1	EX
Trinitroresorcinol	82-71-3	EX

Organic Azides

Diazidomethyleneazine	94362-44-4	EX
Picryl azide	1600-31-3	EX
Vinyl azide	7570-25-4	EX

Organolithium Reagents

o-Trifluoromethyl phenyllithium		EX
m-Bromo phenyllithium		EX

Organomineral Peroxides

Bis(triethyltin) peroxide		EX
Diethylhydroxotin hydroperoxide		EX

Oximes

Bromoacetone oxime	62116-25-0	EX
Hydroxycopper glyoximate	63643-78-7	EX
Potassium cyclohexanehexone 1,3,5-trioximate	16871-90-2	EX

Oxosalts of Nitrogenous Bases

Ammonium tetranitroplatinate (II)	15660-29-4	EX
Diamminepalladium (II) nitrate	28068-05-5	EX
1,2-Diammonioethane nitrate		EX

Ozonides

trans-2-Butene ozonide		EX
Ethylene ozonide (1,2,4-trioxolane)	289-14-5	EX
Trifluoroethylene ozonide		EX

Perchlorate Salts of Nitrogenous Bases

Pyridinium perchlorate	15598-34-2	EX
Tetraethylammonium perchlorate	2537-36-2	EX

Perchloramide Salts

Barium perchloramide		EX
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Mercury (II) N-perchloryl benzylamide		EX
Silver perchlorylamide		EX

Perchloryl Compounds

2,6-Dinitro-4-perchlorylphenol	128-39-2	EX
Perchloryl fluoride	7616-94-6	EX
N-Perchloryl piperidine		EX

Strained-Ring Compounds

2-Azatricyclo[2.2.1.0 ^{2,6}]hept-7-yl perchlorate		EX
Dicyclopropyldiazomethane	16102-24-2	EX
Prismane	650-42-0	EX

Tetrazoles

5-Aminotetrazole	76720-24-6	EX
Silver and mercury salts of 5-nitrotetrazole		EX
Tetrazole	288-94-8	EX

Triazoles

3-Diazo-5-phenyl-3H-1,2,4-triazole		EX
4-Hydroxy-3,5-dimethyl-1,2,4-triazole	35869-74-0	EX
1,2,3-Triazole	288-36-8	EX