

Common Reactive Chemicals

Full Chemical Name	CAS #	Reactive Hazard
2-(2-Hydroxyethoxy)-1-(pyrrolidin-1-yl)benzene-4-diazonium zinc chloride	15005-97-7	Self-reactive
2-(N,N-Ethoxycarbonylphenylamino)-3-methoxy-4-(N-methyl-N-cyclohexylamino)benzenediazonium zinc chloride		Self-reactive
2-(N,N-Methylaminoethylcarbonyl)-4-(3,4-dimethylphenylsulphonyl)benzene diazonium zinc chloride		Self-reactive
2,2'-Azodi(2,4-dimethyl-4-methoxyvaleronitrile)		Self-reactive
2,2'-Azodi(2,4-dimethylvaleronitrile)	4419-11-8	Self-reactive
2,2-Azodi(2-methylbutyronitrile)		Self-reactive
2,2'-Azodi(ethyl 2- methylpropionate)		Self-reactive
2,2'-Azodi(isobutyronitrile)	78-67-1	Self-reactive
2,5-Diethoxy-4-(phenylsulphonyl)benzenediazonium zinc chloride		Self-reactive
2,5-Diethoxy-4-2,5-Diethoxy-4-morpholinobenzenediazonium zinc chloride	26123-91-1	Self-reactive
2,5-Diethoxy-4-morpholinobenzenediazonium tetrafluoroborate	4979-72-0	Self-reactive
2,5-Diethoxy-4-morpholinobenzenediazonium zinc chloride	26123-91-1	Self-reactive
2,5-Dimethoxy-4-(4-methylphenylsulphonyl)benzene diazonium zinc chloride		Self-reactive
2-Diazo-1-Naphthol-4-sulphochloride		Self-reactive
2-Diazo-1-Naphthol-5-sulphochloride		Self-reactive
3-(2-Hydroxyethoxy)-4-(pyrrolidin-1-yl)benzenediazonium zinc chloride	15005-97-7	Self-reactive
3-Chloro-4-diethylaminobenzenediazonium zinc chloride		Self-reactive
3-Methyl-4-(pyrrolidin-1-yl)benzenediazonium tetrafluoroborate	36422-95-4	Self-reactive
4-(Benzyl(ethyl)amino)-3-ethoxybenzenediazonium zinc chloride		Self-reactive
4-(Benzyl(methyl)amino)-3-ethoxybenzenediazonium zinc chloride		Self-reactive
4-Dimethylamino-6-(2-dimethylaminoethoxy)toluene-2-diazonium zinc chloride		Self-reactive
4-Dipropylaminobenzenediazonium zinc chloride		Self-reactive
4-Methylbenzenesulphonylhydrazide		Self-reactive
4-Nitrosophenol	104-91-6	Self-reactive
Azodi(hexahydrobenzonitrile)	2094-98-6	Self-reactive
Azodicarbonamide formulation	123-77-3	Self-reactive
Benzene sulphohydrazide	80-17-1	Self-reactive
Benzene-1,3-disulphohydrazide		Self-reactive
Diethylene glycol bis(allyl carbonate) + Diisopropylperoxydicarbonate		Self-reactive
Diphenyloxide-4,4'-disulphohydrazide	80-51-3	Self-reactive
N,N'- Dinitrosopentamethylenetetramine	101-25-7	Self-reactive

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N,N'-Dinitroso-N, N'-dimethyl-terephthalamide	133-55-1	Self-reactive
N-Formyl-2-(nitromethylene)-1,3-perhydrothiazine		Self-reactive
Sodium 2-diazo-1-naphthol-4-sulphonate		Self-reactive
Sodium 2-diazo-1-naphthol-5-sulphonate	2657-00-3	Self-reactive
Tetramine palladium (II) nitrate		Self-reactive
1-(2-tert-Butylperoxy isopropyl)-3-isopropenylbenzene	96319-55-0	Organic peroxide
1,1-Di-(tert-amylperoxy)cyclohexane	15667-10-4	Organic peroxide
1,1-Di-(tert-butylperoxy)-3,3,5-trimethylcyclohexane	6731-36-8	Organic peroxide
1,1-Di-(tert-butylperoxy)cyclohexane	3006-86-8	Organic peroxide
1,1-Dimethyl-3-hydroxybutylperoxyneohexanoate		Organic peroxide
2,2-Di-(4,4-di(tert-butylperoxy)cyclohexyl)propane	1705-60-8	Organic peroxide
2,2-di-(tert-Butylperoxy)butane	2167-23-9	Organic peroxide
2,2-Di-(tert-butylperoxy)propane	1705-60-8	Organic peroxide
2,2-Dihydroperoxypropane	2614-76-8	Organic peroxide
2,5 Dimethyl 2,5 di-2-ethylhexanoylperoxyhexane		Organic peroxide
2,5-Dimethyl-2,5-di-(3,5,5-trimethylhexanoylperoxy)hexane		Organic peroxide
2,5-Dimethyl-2,5-di-(benzoylperoxy)hexane	2618-77-1	Organic peroxide
2,5-Dimethyl-2,5-di-(tert-butylperoxy)hexane	78-63-7	Organic peroxide
2,5-Dimethyl-2,5-di-(tert-butylperoxy)hexyne-3	1068-27-5	Organic peroxide
2,5-Dimethyl-2,5-dihydroperoxyhexane	3025-88-5	Organic peroxide
3,3,6,6,9,9-Hexamethyl-1,2,4,5-tetraoxacyclononane	22397-33-7	Organic peroxide
3-Chloroperoxybenzoic acid	937-14-4	Organic peroxide
3-tert-Butylperoxy-3-phenylphthalide	25251-51-8	Organic peroxide
Acetyl acetone peroxide	37187-22-7	Organic peroxide
Acetyl benzoyl peroxide	644-31-5	Organic peroxide
Acetyl cyclohexanesulfonyl peroxide	3179-56-4	Organic peroxide
Benzoyl (3-methylbenzoyl) peroxide	214425-85-1	Organic peroxide
Cumyl hydroperoxide	80-15-9	Organic peroxide
Cumyl peroxyneodecanoate	26748-47-0	Organic peroxide
Cumyl peroxy-pivalate	23383-59-7	Organic peroxide
Cyclohexanone peroxide(s) [as a paste]	78-18-2	Organic peroxide
Cyclohexanone peroxide(s) [as a solution]	12262-58-7	Organic peroxide
Di-(1-hydroxycyclohexyl)peroxide	2407-94-5	Organic peroxide
Di-(2-ethoxyethyl)peroxydicarbonate	52373-74-7	Organic peroxide
Di-(2-ethylhexyl)peroxydicarbonate	16111-62-9	Organic peroxide
Di-(2-ethylhexyl)peroxydicarbonate		Organic peroxide
Di-(2-methylbenzoyl)peroxide	3034-79-5	Organic peroxide
Di-(2-neodecanoylperoxyisopropyl)benzene		Organic peroxide
Di-(2-phenoxyethyl)peroxydicarbonate	41935-39-1	Organic peroxide
Di-(2-tert-butylperoxyisopropyl)benzene	279671-18-0	Organic peroxide
Di-(3,5,5-trimethyl-1,2-dioxolanyl- 3)peroxide		Organic peroxide
Di-(3,5,5-trimethylhexanoyl)peroxide		Organic peroxide
Di-(3-methoxybutyl)peroxydicarbonate	52238-68-3	Organic peroxide

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Di-(3-methylbenzoyl)peroxide	96436-26-9	Organic peroxide
Di-(4-methylbenzoyl)peroxide	895-85-2	Organic peroxide
Di-(4-tert-butylcyclohexyl)peroxydicarbonate	15520-11-3	Organic peroxide
Di-(tert-butylperoxy)phthalate	2155-71-7	Organic peroxide
Di-2,4-dichlorobenzoyl peroxide	133-14-2	Organic peroxide
Di-4-chlorobenzoyl peroxide	94-17-7	Organic peroxide
Diacetone alcohol peroxides	54693-46-8	Organic peroxide
Diacetyl peroxide	110-22-5	Organic peroxide
Dibenzoyl peroxide	94-36-0	Organic peroxide
Dibenzyl peroxydicarbonate	2144-45-8	Organic peroxide
Dicetyl peroxydicarbonate	26322-14-5	Organic peroxide
Dicumyl peroxide	80-43-3	Organic peroxide
Dicyclohexyl peroxydicarbonate	1561-49-5	Organic peroxide
Didecanoyl peroxide	762-12-9	Organic peroxide
Diethyl peroxydicarbonate	14666-78-5	Organic peroxide
Diisobutyryl peroxide	3437-84-1	Organic peroxide
Diisopropyl peroxydicarbonate	105-64-6	Organic peroxide
Diisopropylbenzene dihydroperoxide	29014-32-2	Organic peroxide
Diisotridecyl peroxydicarbonate		Organic peroxide
Dilauroyl peroxide	105-74-8	Organic peroxide
Dimyristyl peroxydicarbonate	53220-22-7	Organic peroxide
Di-n-butyl peroxydicarbonate	16215-49-9	Organic peroxide
Di-n-nonanoyl peroxide	762-13-0	Organic peroxide
Di-n-octanoyl peroxide	762-16-3	Organic peroxide
Di-n-propyl peroxydicarbonate	16066-38-9	Organic peroxide
Diperoxy azelaic acid	1941-79-3	Organic peroxide
Diperoxy dodecane diacid	66280-55-5	Organic peroxide
Dipropionyl peroxide	3248-28-0	Organic peroxide
Di-sec-butyl peroxydicarbonate	19910-65-7	Organic peroxide
Distearyl peroxydicarbonate	52326-66-6	Organic peroxide
Disuccinic acid peroxide	123-23-9	Organic peroxide
Di-tert-amyl peroxide	10508-09-5	Organic peroxide
Di-tert-butyl peroxide	110-05-4	Organic peroxide
Di-tert-butyl peroxyazelate	16580-06-6	Organic peroxide
Ethyl 3,3-di-(tert-amylperoxy)butyrate	67567-23-1	Organic peroxide
Ethyl 3,3-di-(tert-butylperoxy)butyrate	55794-20-2	Organic peroxide
Isopropylcumyl hydroperoxide	57242-90-7	Organic peroxide
Methyl ethyl ketone peroxide	1338-23-4	Organic peroxide
Methyl isobutyl ketone peroxide	28056-59-9	Organic peroxide
Methylcyclohexanone peroxide	11118-65-3	Organic peroxide
n-Butyl-4,4-di-(tert-butylperoxy)valerate	995-33-5	Organic peroxide
Peracetic acid	79-21-0	Organic peroxide
Peroxyacetic acid	79-21-0	Organic peroxide

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Pinanyl hydroperoxide	28324-52-9	Organic peroxide
p-Menthyl hydroperoxide	26762-92-5	Organic peroxide
tert-Amyl hydroperoxide	3425-61-4	Organic peroxide
tert-Amyl peroxy-2-ethylhexanoate	686-31-7	Organic peroxide
tert-Amyl peroxy-2-ethylhexyl carbonate	70833-40-8	Organic peroxide
tert-Amyl peroxybenzoate	4511-39-1	Organic peroxide
tert-Amyl peroxyneodecanoate	68299-16-1	Organic peroxide
tert-Amyl peroxy-pivalate	29240-17-3	Organic peroxide
tert-Amylperoxy-3,5,5-trimethylhexanoate		Organic peroxide
tert-Butyl cumyl peroxide	30580-75-7	Organic peroxide
tert-Butyl hydroperoxide	75-91-2	Organic peroxide
tert-Butyl monoperoxymaleate	1931-62-0	Organic peroxide
tert-Butyl monoperoxyphthalate	15042-77-0	Organic peroxide
tert-Butyl peroxy-2-ethylhexanoate	3006-82-4	Organic peroxide
tert-Butyl peroxy-2-ethylhexylcarbonate		Organic peroxide
tert-Butyl peroxy-2-methylbenzoate	22313-62-8	Organic peroxide
tert-Butyl peroxy-3,5,5-trimethylhexanoate	13122-18-4	Organic peroxide
tert-Butyl peroxyacetate	107-71-1	Organic peroxide
tert-Butyl peroxybenzoate	614-45-9	Organic peroxide
tert-Butyl peroxybutyl fumarate		Organic peroxide
tert-Butyl peroxyacrylate	23474-91-1	Organic peroxide
tert-Butyl peroxydiethylacetate	2550-33-6	Organic peroxide
tert-Butyl peroxyisobutyrate	109-13-7	Organic peroxide
tert-Butyl peroxyneodecanoate	26748-41-4	Organic peroxide
tert-Butyl peroxyneoheptanoate	26748-38-9	Organic peroxide
tert-Butyl peroxy-pivalate	927-07-2	Organic peroxide
tert-Butylperoxy isopropylcarbonate	2372-21-6	Organic peroxide
tert-Butylperoxystearylcarbonate		Organic peroxide
tert-Hexyl peroxy-pivalate	51938-28-4	Organic peroxide
tert-Hexylperoxyneodecanoate		Organic peroxide
1H-Tetrazole	288-94-8	DOT Explosive
5-Mercaptotetrazol-1-acetic acid	57658-36-3	DOT Explosive
5-nitrobenzotriazol	169796-98-9	DOT Explosive
ammonium nitrate	6484-52-2	DOT Explosive
ammonium perchlorate	7790-98-9	DOT Explosive
Ammonium picrate	131-74-8	DOT Explosive
barium azide	18810-58-7	DOT Explosive
barium styphnate	20236-55-9	DOT Explosive
cyclotetramethylenetetranitramine [or] HMX	2691-41-0	DOT Explosive
Cyclotrimethylenetrinitramine [or] RDX	121-82-4	DOT Explosive
diethyleneglycol dinitrate	628-96-6	DOT Explosive
dinitroglycoluril	55510-04-8	DOT Explosive
dinitrophenol	51-28-5	DOT Explosive
dinitroresorcinol	519-44-8	DOT Explosive
dinitrosobenzene	25550-55-4	DOT Explosive

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dipicryl sulfide	2217-06-3	DOT Explosive
guanyl nitrosaminoguanilydene hydrazine		DOT Explosive
hexanitrodiphenylamine	131-73-7	DOT Explosive
hexanitrostilbene	49850-40-0	DOT Explosive
lead mononitroresorcinate	51317-24-9	DOT Explosive
lead styphnate	15245-44-0	DOT Explosive
mannitol hexanitate	15825-70-4	DOT Explosive
mercury fulminate	628-86-4	DOT Explosive
nitro urea	556-89-8	DOT Explosive
nitrocellulose	9004-70-0	DOT Explosive
nitroglycerin	55-63-0	DOT Explosive
nitroguanidine	556-88-7	DOT Explosive
nitrostarch	9056-38-6	DOT Explosive
nitrotriazolone		DOT Explosive
octolite		DOT Explosive
octonal		DOT Explosive
Pentaerythrite tetranitrate [or] Pentaerythritol tetranitrate [or] PETN	78-11-5	DOT Explosive
Pentolite	8066-33-9	DOT Explosive
Sodium dinitro-o-cresolate	2312-76-7	DOT Explosive
Sodium picramate	831-52-7	DOT Explosive
Tetranitroaniline	3698-54-2	DOT Explosive
Trinitroaniline [or] Picramide	26952-42-1	DOT Explosive
Trinitroanisole	28653-16-9	DOT Explosive
Trinitrobenzene	99-35-4	DOT Explosive
Trinitrobenzenesulfonic acid	2508-19-2	DOT Explosive
Trinitrobenzoic acid	129-66-8	DOT Explosive
Trinitrochlorobenzene [or] Picryl chloride	88-88-0	DOT Explosive
Trinitrofluorenone	129-79-3	DOT Explosive
Trinitro-meta-cresol	602-99-3	DOT Explosive
Trinitronaphthalene		DOT Explosive
Trinitrophenetole		DOT Explosive
Trinitrophenol [or] Picric acid	88-89-1	DOT Explosive
Trinitrophenylmethylnitramine [or] Tetryl	479-45-8	DOT Explosive
Trinitroresorcinol [or] Styphnic acid	82-71-3	DOT Explosive
Trinitrotoluene [or] TNT	118-96-7	DOT Explosive
Tritonal	76-20-0	DOT Explosive
Urea nitrate	124-47-0	DOT Explosive
Zirconium picramate	63868-82-6	DOT Explosive
1,1'-Diazoaminonaphthalene		DOT Forbidden
1,2,4-butanetriol trinitrate	6659-60-5	DOT Forbidden
1,2-Diazidoethane		DOT Forbidden
1,3-Diazopropane		DOT Forbidden
1,3-dinitro-5,5-dimethyl hydantoin		DOT Forbidden
1,7-octadine-3, 5-diyne-1, 8-dimethoxy-9-octadecynoic acid		DOT Forbidden
1,8-dihydroxy-2,4,5,7-tetranitroanthraquinone		DOT Forbidden
1,9-dinitroxy pentamethylene-2,4, 6,8-tetramine		DOT Forbidden
1-bromo-3-nitrobenzene	585-79-5	DOT Forbidden
2,2-di-(4,4-di-tert-butylperoxycyclohexyl) propane		DOT Forbidden
2,2-Di-(tert-butylperoxy) butane	2167-23-9	DOT Forbidden
2,2-dinitrostilbene		DOT Forbidden

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2,5-dimethyl-2,5-dihydroperoxy hexane	3025-88-5	DOT Forbidden
3-Azido-1, 2-Propylene glycol dinitrate		DOT Forbidden
4-bromo-1, 2-dinitrobenzene		DOT Forbidden
5-Azido-1-hydroxy tetrazole		DOT Forbidden
acetyl peroxide	110-22-5	DOT Forbidden
acetylene silver nitrate	7761-88-8	DOT Forbidden
ammonium azide		DOT Forbidden
ammonium bromate		DOT Forbidden
ammonium chlorate	10192-29-7	DOT Forbidden
ammonium fulminate		DOT Forbidden
ammonium nitrite		DOT Forbidden
ammonium permanganate		DOT Forbidden
antimony sulfide	1345-04-6	DOT Forbidden
arsenic sulfide	56320-22-0	DOT Forbidden
ascaridole		DOT Forbidden
azaurolic acid		DOT Forbidden
azido guanidine picrate		DOT Forbidden
azidodithiocarbonic acid		DOT Forbidden
azidoethyl nitrate		DOT Forbidden
benzene diazonim chloride		DOT Forbidden
benzene triozonide		DOT Forbidden
benzoyl azide		DOT Forbidden
biphenyl triozonide		DOT Forbidden
bromine azide	13973-87-0	DOT Forbidden
bromosilane		DOT Forbidden
chlorine azide		DOT Forbidden
chlorine dioxide	10049-04-4	DOT Forbidden
chloroacetone	78-95-5	DOT Forbidden
chloroprene	126-99-8	DOT Forbidden
copper acetylide		DOT Forbidden
copper amine azide		DOT Forbidden
copper tetramine nitrate		DOT Forbidden
cyanuric triazide		DOT Forbidden
cyclotetramethylene tetranitramine		DOT Forbidden
di-(1-hydroxytetrazole)		DOT Forbidden
di-(beta-nitroxyethyl) ammonium nitrate		DOT Forbidden
di-(tert-butylperoxy) phthalate		DOT Forbidden
di-2,4-dichlorobenzoyl peroxide		DOT Forbidden
diazoaminotetrazole		DOT Forbidden
diazonium nitrates		DOT Forbidden
diazonium perchlorates		DOT Forbidden
dibenzyl peroxydicarbonate		DOT Forbidden
dibromoacetylene	624-61-3	DOT Forbidden
dichloroacetylene	7572-29-4	DOT Forbidden
dichloroethyl sulfide		DOT Forbidden
dichlorovinylchloroarsine		DOT Forbidden
diethanol nitrosamine dinitrate		DOT Forbidden
diethylene glycol dinitrate	693-21-0	DOT Forbidden
diethylgold bromide		DOT Forbidden
diiodoacetylene		DOT Forbidden
diiisopropylbenzene hydroperoxide		DOT Forbidden

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dimethylhexane dihydroperoxide		DOT Forbidden
di-n-butyl peroxydicarbonate		DOT Forbidden
dinitropropylene glycol		DOT Forbidden
dipropionyl peroxide		DOT Forbidden
ethanol amine dinitrate		DOT Forbidden
ethyl hydroperoxide		DOT Forbidden
ethyl perchlorate		DOT Forbidden
ethylene diamine diperchlorate		DOT Forbidden
glycerol gluconate trinitrate		DOT Forbidden
glycerol-1, 3-dinitrate		DOT Forbidden
guanyl nitrosaminoguanylidene hydrazine		DOT Forbidden
hexamethylene triperoxide diamine		DOT Forbidden
hexanitroazoxy benzene		DOT Forbidden
hexanitrodiphenyl urea		DOT Forbidden
hydrocyanic acid	74-90-8	DOT Forbidden
hyponitrous acid		DOT Forbidden
n-Butyl peroxydicarbonate		DOT Forbidden
nitrogen trichloride	10025-85-1	DOT Forbidden
n-n'-Dichlorazodicarbonamidine		DOT Forbidden
p-Diazidobenzene		DOT Forbidden
tert-Butoxycarbonyl azide		DOT Forbidden
tert-Butyl peroxyacetate		DOT Forbidden
Acetal	105-57-7	Peroxidizable
Butadiene	106-99-0	Peroxidizable
Chloroprene	126-99-8	Peroxidizable
Cumene	98-82-8	Peroxidizable
Cyclohexene	110-83-8	Peroxidizable
Cyclopentene	142-29-0	Peroxidizable
Decalin	91-17-8	Peroxidizable
Diacetylene	446-86-6	Peroxidizable
Dicyclopentadiene	77-73-6	Peroxidizable
Diethyl Ether	60-29-7	Peroxidizable
Diethylene Glycol Dimethyl Ether	11-96-6	Peroxidizable
Dioxane	123-91-1	Peroxidizable
Divinyl Ether	109-86-4	Peroxidizable
Ethylene Glycol Dimethyl Ether	110-71-4	Peroxidizable
Ethylene Glycol Monoethyl Ether	110-80-5	Peroxidizable
Ethylene Glycol Monomethyl Ether	109-86-4	Peroxidizable
Furan	110-00-9	Peroxidizable
Isopropyl Ether	108-20-3	Peroxidizable
Methyl Acetylene	74-99-7	Peroxidizable
Methyl Isobutyl Ketone	108-10-1	Peroxidizable
Methylcyclopentane	96-37-7	Peroxidizable
Potassium	7440-09-7	Peroxidizable
Sodium Amide	7782-92-5	Peroxidizable
Styrene	100-42-5	Peroxidizable
Tetrafluoroethylene	116-14-3	Peroxidizable
Tetrahydrofuran	109-99-9	Peroxidizable
Tetralin	119-64-2	Peroxidizable
Vinyl Acetate	108-05-4	Peroxidizable
Vinyl Chloride	75-01-4	Peroxidizable

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Vinylacetylene	689-97-4	Peroxidizable
Vinylidene Chloride	75-35-4	Peroxidizable
Vinylpyridine	1337-81-1	Peroxidizable
Alkali metal amalgam, solid		Water Reactive
Alkali metal amides		Water Reactive
Alkaline earth metal alloys, n.o.s.		Water Reactive
Alkaline earth metal amalgams		Water Reactive
Aluminum carbide		Water Reactive
Aluminum ferrosilicon powder		Water Reactive
Aluminum ferrosilicon powder		Water Reactive
Aluminum hydride		Water Reactive
Aluminum phosphide		Water Reactive
Aluminum powder, uncoated		Water Reactive
Aluminum powder, uncoated		Water Reactive
Aluminum silicon powder, uncoated		Water Reactive
Barium (powder form)		Water Reactive
Boron trifluoride dimethyl etherate		Water Reactive
Calcium		Water Reactive
Calcium carbide		Water Reactive
Calcium cyanamide [with more than 0.1 percent of calcium carbide]		Water Reactive
Calcium hydride		Water Reactive
Calcium manganese silicon		Water Reactive
Calcium phosphide		Water Reactive
Calcium silicide		Water Reactive
Calcium silicide		Water Reactive
Cerium, [turnings or gritty powder]		Water Reactive
Cesium [or] Caesium		Water Reactive
Ethylchlorosilane		Water Reactive
Ferrosilicon[, with 30 percent or more but less than 90 percent silicon]		Water Reactive
Lithium		Water Reactive
Lithium aluminum hydride		Water Reactive
Lithium aluminum hydride, ethereal		Water Reactive
Lithium borohydride		Water Reactive
Lithium ferrosilicon		Water Reactive
Lithium hydride		Water Reactive
Lithium hydride, fused solid		Water Reactive
Lithium nitride		Water Reactive
Lithium silicon		Water Reactive
Magnesium aluminum phosphide		Water Reactive
Magnesium hydride		Water Reactive
Magnesium phosphide		Water Reactive
Magnesium silicide		Water Reactive
Magnesium, powder		Water Reactive
Maneb stabilized		Water Reactive
Methyl magnesium bromide, in ethyl ether		Water Reactive
Methylchlorosilane		Water Reactive
Phosphorus pentasulfide, [free from yellow or white phosphorus]		Water Reactive
Potassium		Water Reactive

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Potassium borohydride		Water Reactive
Potassium phosphide		Water Reactive
Potassium sodium alloys		Water Reactive
Potassium, metal alloys		Water Reactive
Rubidium		Water Reactive
Sodium aluminum hydride		Water Reactive
Sodium borohydride		Water Reactive
Sodium hydride		Water Reactive
Sodium metal	7440-23-5	Water Reactive
Stannic phosphide		Water Reactive
Strontium phosphide		Water Reactive
Trichlorosilane		Water Reactive
Water-reactive solid, n.o.s.		Water Reactive
Zinc ashes		Water Reactive
Zinc phosphide		Water Reactive
Zinc powder [or] Zinc dust		Water Reactive
9-Phosphabicyclononanes [or] Cyclooctadiene phosphines		Spontaneously Combustible
Aluminum alkyl halides		Spontaneously Combustible
Aluminum alkyl hydrides		Spontaneously Combustible
Aluminum alkyls		Spontaneously Combustible
Aluminum borohydride		Spontaneously Combustible
Calcium dithionite [or] Calcium hydrosulfite		Spontaneously Combustible
Calcium, pyrophoric [or] Calcium alloys, pyrophoric		Spontaneously Combustible
Carbon, [animal or vegetable origin]		Spontaneously Combustible
Carbon, activated		Spontaneously Combustible
Celluloid		Spontaneously Combustible
Charcoal [briquettes, shell, screenings, wood, etc.]		Spontaneously Combustible
Copra		Spontaneously Combustible
Diethylzinc		Spontaneously Combustible
Dimethylzinc		Spontaneously Combustible
Ferrous metal borings		Spontaneously Combustible
Hafnium powder, dry		Spontaneously Combustible
Iron oxide, spent		Spontaneously Combustible
Lithium alkyls		Spontaneously Combustible
Magnesium alkyls		Spontaneously Combustible
Magnesium diamide		Spontaneously Combustible
Magnesium diphenyl		Spontaneously Combustible
Pentaborane		Spontaneously Combustible
Phosphorus white		Spontaneously Combustible
p-Nitrosodimethylaniline		Spontaneously Combustible
Potassium dithionite [or] Potassium hydrosulfite		Spontaneously Combustible
Potassium sulfide, anhydrous		Spontaneously Combustible
Sodium dithionite [or] Sodium hydrosulfite		Spontaneously Combustible
Sodium hydrosulfide, [with less than 25 percent water of crystallization]		Spontaneously Combustible
Sodium methylate		Spontaneously Combustible
Sodium sulfide, anhydrous		Spontaneously Combustible
tert-Butyl hypochlorite		Spontaneously Combustible
Thiourea dioxide		Spontaneously Combustible
Titanium disulphide		Spontaneously Combustible
Titanium powder, dry		Spontaneously Combustible

Common Reactive Chemicals

Full Chemical Name	CAS #	Reactive Hazard
Titanium trichloride		Spontaneously Combustible
Tributylphosphane		Spontaneously Combustible
Xanthates		Spontaneously Combustible
Zirconium powder, dry		Spontaneously Combustible
Zirconium scrap		Spontaneously Combustible
Zirconium, dry		Spontaneously Combustible