This document is scheduled to be published in the
Federal Register on 10/28/2013 and available online at
http://federalregister.gov/a/2013-25370, and on **FDsys.gov**

(Billing Code: 4410-FY-P)

DEPARTMENT OF JUSTICE

Bureau of Alcohol, Tobacco, Firearms, and Explosives

[Docket No. 2013R-6T]

Commerce in Explosives; List of Explosives Materials

AGENCY: Bureau of Alcohol, Tobacco, Firearms, and Explosives (ATF); Department of Justice.

ACTION: Notice of List of Explosives Materials.

SUMMARY: Pursuant to 18 U.S.C. 841(d) and 27 CFR 555.23, the Department must publish and revise at least annually in the **Federal Register** a list of explosives determined to be within the coverage of 18 U.S.C. 841 *et seq*. The list covers not only explosives, but also blasting agents and detonators, all of which are defined as explosive materials in 18 U.S.C. 841(c). The Department further seeks to clarify that "black powder substitutes" are explosives; and have, therefore, added this term to the List of Explosive Materials. This notice publishes the 2013 List of Explosive Materials.

DATES: The list becomes effective [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER]:

FOR FURTHER INFORMATION CONTACT: Paul Brown, Chief, Explosives Industry Programs Branch; Firearms and Explosives Industry Division; Bureau of Alcohol, Tobacco, Firearms, and Explosives; United States Department of Justice; 99 New York Avenue, NE., Washington, DC 20226; 202 648-7120.

SUPPLEMENTARY INFORMATION:

The list includes all mixtures containing any of the materials on the list. Materials constituting blasting agents are marked by an asterisk. While the list is comprehensive, it is not all-inclusive. The fact that an explosive material is not on the list does not mean that it is not within the coverage of the law if it otherwise meets the statutory definitions in 18 U.S.C. 841. Explosives materials are listed alphabetically by their common names followed, where applicable, by chemical names and synonyms in brackets.

The Department has added one new term, "Black powder substitutes" that will appear after "Black powder based explosive mixtures" on the List of Explosive Materials. The addition of this term will not expand the list to include any materials not already covered under other names. Although these materials already appear on the List of Explosive Materials under their chemical, mixture or common names, ATF believes that placing this common general term on the list will clarify to readers who are unfamiliar with the nomenclature that these materials are explosives. The Department has not removed any listing since its last publication.

This list supersedes the List of Explosives Materials dated September 20, 2012 (Docket No. ATF 47N, 77 FR 58410).

Notice of list of Explosives Materials

Pursuant to 18 U.S.C. 841(d) and 27 CFR 555.23, I hereby designate the following as explosive materials covered under 18 U.S.C. 841(c):

A

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 having particle size less than 15 microns.

Ammonium perchlorate explosive mixtures (excluding ammonium perchlorate composite propellant (APCP)).

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.

B

Baranol.

Baratol.

BEAF [1, 2-bis (2, 2-difluoro-2-nitroacetoxyethane)].

Black powder.

Black powder based explosive mixtures.

Black powder substitutes.

*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.

C

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].

D

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.

E

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.

F

Flash powder.

Fulminate of mercury.

Fulminate of silver.

Fulminating gold.

Fulminating mercury.

Fulminating platinum.

Fulminating silver.

G

Gelatinized nitrocellulose.

Gem-dinitro aliphatic explosive mixtures.

Guanyl nitrosamino guanyl tetrazene.

Guanyl nitrosamino guanylidene hydrazine.

Guncotton.

H

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.

I

Igniter cord.

Igniters.

Initiating tube systems.

K

KDNBF [potassium dinitrobenzo-furoxane].

L

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.

M

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.

N

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.

O

Octogen [HMX].

Octol [75 percent HMX, 25 percent TNT].

Organic amine nitrates.

Organic nitramines.

P

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.

R

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

S

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.

T

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].

Tetrazole explosives.

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.

U

Urea nitrate.

W

Water-bearing explosives having salts of oxidizing acids and nitrogen bases, sulfates, or sulfamates (cap sensitive).

Water-in-oil emulsion explosive compositions.

X

Xanthamonas hydrophilic colloid explosive mixture.

Date approved: October 18, 2013

B. Todd Jones
Director

[FR Doc. 2013-25370 Filed 10/25/2013 at 8:45 am; Publication Date: 10/28/2013]