

Subsec. (d)(3). Pub. L. 107-188, § 231(c)(2)(B), substituted “section 101(a)(3)” for “section 1010(a)(3)”.

EFFECTIVE DATE OF 2004 AMENDMENT

Pub. L. 108-458, title VI, § 6802(d)(2), Dec. 17, 2004, 118 Stat. 3767, provided that: “The amendment made by paragraph (1) [amending this section] shall take effect at the same time that sections 73.4, 73.5, and 73.6 of title 42, Code of Federal Regulations, become effective [probably means the effective date of the final rule revising sections 73.4, 73.5, and 73.6 of title 42, C.F.R., which was Apr. 18, 2005, see 70 F.R. 13294].”

§ 175c. Variola virus**(a) UNLAWFUL CONDUCT.—**

(1) **IN GENERAL.**—Except as provided in paragraph (2), it shall be unlawful for any person to knowingly produce, engineer, synthesize, acquire, transfer directly or indirectly, receive, possess, import, export, or use, or possess and threaten to use, variola virus.

(2) **EXCEPTION.**—This subsection does not apply to conduct by, or under the authority of, the Secretary of Health and Human Services.

(b) **JURISDICTION.**—Conduct prohibited by subsection (a) is within the jurisdiction of the United States if—

(1) the offense occurs in or affects interstate or foreign commerce;

(2) the offense occurs outside of the United States and is committed by a national of the United States;

(3) the offense is committed against a national of the United States while the national is outside the United States;

(4) the offense is committed against any property that is owned, leased, or used by the United States or by any department or agency of the United States, whether the property is within or outside the United States; or

(5) an offender aids or abets any person over whom jurisdiction exists under this subsection in committing an offense under this section or conspires with any person over whom jurisdiction exists under this subsection to commit an offense under this section.

(c) CRIMINAL PENALTIES.—

(1) **IN GENERAL.**—Any person who violates, or attempts or conspires to violate, subsection (a) shall be fined not more than \$2,000,000 and shall be sentenced to a term of imprisonment not less than 25 years or to imprisonment for life.

(2) **OTHER CIRCUMSTANCES.**—Any person who, in the course of a violation of subsection (a), uses, attempts or conspires to use, or possesses and threatens to use, any item or items described in subsection (a), shall be fined not more than \$2,000,000 and imprisoned for not less than 30 years or imprisoned for life.

(3) **SPECIAL CIRCUMSTANCES.**—If the death of another results from a person’s violation of subsection (a), the person shall be fined not more than \$2,000,000 and punished by imprisonment for life.

(d) **DEFINITION.**—As used in this section, the term “variola virus” means a virus that can cause human smallpox or any derivative of the variola major virus that contains more than 85 percent of the gene sequence of the variola major virus or the variola minor virus.

(Added Pub. L. 108-458, title VI, § 6906, Dec. 17, 2004, 118 Stat. 3773.)

FINDINGS AND PURPOSE

Pub. L. 108-458, title VI, § 6902, Dec. 17, 2004, 118 Stat. 3769, provided that:

“(a) **FINDINGS.**—Congress makes the following findings:

“(1) The criminal use of man-portable air defense systems (referred to in this section as ‘MANPADS’) presents a serious threat to civil aviation worldwide, especially in the hands of terrorists or foreign states that harbor them.

“(2) Atomic weapons or weapons designed to release radiation (commonly known as ‘dirty bombs’) could be used by terrorists to inflict enormous loss of life and damage to property and the environment.

“(3) Variola virus is the causative agent of smallpox, an extremely serious, contagious, and sometimes fatal disease. Variola virus is classified as a Category A agent by the Centers for Disease Control and Prevention, meaning that it is believed to pose the greatest potential threat for adverse public health impact and has a moderate to high potential for large-scale dissemination. The last case of smallpox in the United States was in 1949. The last naturally occurring case in the world was in Somalia in 1977. Although smallpox has been officially eradicated after a successful worldwide vaccination program, there remain two official repositories of the variola virus for research purposes. Because it is so dangerous, the variola virus may appeal to terrorists.

“(4) The use, or even the threatened use, of MANPADS, atomic or radiological weapons, or the variola virus, against the United States, its allies, or its people, poses a grave risk to the security, foreign policy, economy, and environment of the United States. Accordingly, the United States has a compelling national security interest in preventing unlawful activities that lead to the proliferation or spread of such items, including their unauthorized production, construction, acquisition, transfer, possession, import, or export. All of these activities markedly increase the chances that such items will be obtained by terrorist organizations or rogue states, which could use them to attack the United States, its allies, or United States nationals or corporations.

“(5) There is no legitimate reason for a private individual or company, absent explicit government authorization, to produce, construct, otherwise acquire, transfer, receive, possess, import, export, or use MANPADS, atomic or radiological weapons, or the variola virus.

“(b) **PURPOSE.**—The purpose of this subtitle [subtitle J (§§ 6901-6911) of title VI of Pub. L. 108-458, see Short Title of 2004 Amendment note set out under section 1 of this title] is to combat the potential use of weapons that have the ability to cause widespread harm to United States persons and the United States economy (and that have no legitimate private use) and to threaten or harm the national security or foreign relations of the United States.”

§ 176. Seizure, forfeiture, and destruction

(a) **IN GENERAL.**—(1) Except as provided in paragraph (2), the Attorney General may request the issuance, in the same manner as provided for a search warrant, of a warrant authorizing the seizure of any biological agent, toxin, or delivery system that—

(A) pertains to conduct prohibited under section 175 of this title; or

(B) is of a type or in a quantity that under the circumstances has no apparent justification for prophylactic, protective, or other peaceful purposes.

(2) In exigent circumstances, seizure and destruction of any biological agent, toxin, or de-

livery system described in subparagraphs (A) and (B) of paragraph (1) may be made upon probable cause without the necessity for a warrant.

(b) **PROCEDURE.**—Property seized pursuant to subsection (a) shall be forfeited to the United States after notice to potential claimants and an opportunity for a hearing. At such hearing, the Government shall bear the burden of persuasion by a preponderance of the evidence. Except as inconsistent herewith, the same procedures and provisions of law relating to a forfeiture under the customs laws shall extend to a seizure or forfeiture under this section. The Attorney General may provide for the destruction or other appropriate disposition of any biological agent, toxin, or delivery system seized and forfeited pursuant to this section.

(c) **AFFIRMATIVE DEFENSE.**—It is an affirmative defense against a forfeiture under subsection (a)(1)(B) of this section that—

(1) such biological agent, toxin, or delivery system is for a prophylactic, protective, or other peaceful purpose; and

(2) such biological agent, toxin, or delivery system, is of a type and quantity reasonable for that purpose.

(Added Pub. L. 101-298, §3(a), May 22, 1990, 104 Stat. 202; amended Pub. L. 103-322, title XXXIII, §330010(16), Sept. 13, 1994, 108 Stat. 2144; Pub. L. 107-188, title II, §231(c)(3), June 12, 2002, 116 Stat. 661.)

AMENDMENTS

2002—Subsec. (a)(1)(A). Pub. L. 107-188 substituted “pertains to” for “exists by reason of”.

1994—Subsec. (b). Pub. L. 103-322 substituted “the Government” for “the government”.

§ 177. Injunctions

(a) **IN GENERAL.**—The United States may obtain in a civil action an injunction against—

(1) the conduct prohibited under section 175 of this title;

(2) the preparation, solicitation, attempt, threat, or conspiracy to engage in conduct prohibited under section 175 of this title; or

(3) the development, production, stockpiling, transferring, acquisition, retention, or possession, or the attempted development, production, stockpiling, transferring, acquisition, retention, or possession of any biological agent, toxin, or delivery system of a type or in a quantity that under the circumstances has no apparent justification for prophylactic, protective, or other peaceful purposes.

(b) **AFFIRMATIVE DEFENSE.**—It is an affirmative defense against an injunction under subsection (a)(3) of this section that—

(1) the conduct sought to be enjoined is for a prophylactic, protective, or other peaceful purpose; and

(2) such biological agent, toxin, or delivery system is of a type and quantity reasonable for that purpose.

(Added Pub. L. 101-298, §3(a), May 22, 1990, 104 Stat. 202; amended Pub. L. 104-132, title V, §511(b)(2), Apr. 24, 1996, 110 Stat. 1284.)

AMENDMENTS

1996—Subsec. (a)(2). Pub. L. 104-132 inserted “threat,” after “attempt.”

§ 178. Definitions

As used in this chapter—

(1) the term “biological agent” means any microorganism (including, but not limited to, bacteria, viruses, fungi, rickettsiae or protozoa), or infectious substance, or any naturally occurring, bioengineered or synthesized component of any such microorganism or infectious substance, capable of causing—

(A) death, disease, or other biological malfunction in a human, an animal, a plant, or another living organism;

(B) deterioration of food, water, equipment, supplies, or material of any kind; or

(C) deleterious alteration of the environment;

(2) the term “toxin” means the toxic material or product of plants, animals, microorganisms (including, but not limited to, bacteria, viruses, fungi, rickettsiae or protozoa), or infectious substances, or a recombinant or synthesized molecule, whatever their origin and method of production, and includes—

(A) any poisonous substance or biological product that may be engineered as a result of biotechnology produced by a living organism; or

(B) any poisonous isomer or biological product, homolog, or derivative of such a substance;

(3) the term “delivery system” means—

(A) any apparatus, equipment, device, or means of delivery specifically designed to deliver or disseminate a biological agent, toxin, or vector; or

(B) any vector;

(4) the term “vector” means a living organism, or molecule, including a recombinant or synthesized molecule, capable of carrying a biological agent or toxin to a host; and

(5) the term “national of the United States” has the meaning prescribed in section 101(a)(22) of the Immigration and Nationality Act (8 U.S.C. 1101(a)(22)).

(Added Pub. L. 101-298, §3(a), May 22, 1990, 104 Stat. 202; amended Pub. L. 104-132, title V, §511(b)(3), title VII, §721(h), Apr. 24, 1996, 110 Stat. 1284, 1299; Pub. L. 107-188, title II, §231(c)(4), June 12, 2002, 116 Stat. 661.)

AMENDMENTS

2002—Par. (1). Pub. L. 107-188, §231(c)(4)(A), in introductory provisions substituted “means any microorganism (including, but not limited to, bacteria, viruses, fungi, rickettsiae or protozoa), or infectious substance, or any naturally occurring, bioengineered or synthesized component of any such microorganism or infectious substance, capable of” for “means any microorganism, virus, infectious substance, or biological product that may be engineered as a result of biotechnology, or any naturally occurring or bioengineered component of any such microorganism, virus, infectious substance, or biological product, capable of”.

Par. (2). Pub. L. 107-188, §231(c)(4)(B), in introductory provisions substituted “means the toxic material or product of plants, animals, microorganisms (including, but not limited to, bacteria, viruses, fungi, rickettsiae or protozoa), or infectious substances, or a recombinant or synthesized molecule, whatever their origin and method of production, and includes—” for “means the toxic material of plants, animals, microorganisms, vi-