

## PROPOSED AMENDMENT: GHB

**Synopsis of Proposed Amendment:** *This proposed amendment implements the Hillary J. Farias and Samantha Reid Date-Rape Drug Prohibition Act of 2000, Pub. L. 106–172 (the "Act"), which provided the emergency scheduling of gamma hydroxybutyric acid ("GHB") as a Schedule I controlled substance under the Controlled Substances Act when the drug is used illicitly. (There are approved applications of GHB under the Federal Food, Drug, and Cosmetic Act, for which the drug is scheduled in Schedule III.) The act also amended section 401(b)(1)(C) of the Controlled Substances Act (21 U.S.C. § 841(b)(1)(C)) and section 1010(b)(3) of the Controlled Substances Import and Export Act (21 U.S.C. § 960(b)(3)) to provide penalties of not more than 20 years for an offense that involves GHB. Additionally, the Act added gamma butyrolactone ("GBL") to the list of List I chemicals in section 401(b)(1)(C) of the Controlled Substances Act (21 U.S.C. § 841(b)(1)(C)).*

*Under the current structure of the Drug Quantity Table in §2D1.1, GHB and other Schedule I and II depressants, with statutory maximum of 20 years, are sentenced identically to Schedule III substances, which have a five-year statutory maximum. The guidelines provide a maximum offense level of level 20 for these substances, which equates to a sentencing range of 33 to 44 months for offenders with minimal or no criminal history (Criminal History Category I). The lack of penalty distinctions between offenses with such divergent statutory maxima raises proportionality concerns. Recognizing the need to provide higher penalties for the more serious offenses involving Schedule I and II depressants, the proposed amendment eliminates the maximum base offense level of level 20 in the Drug Quantity Table of §2D1.1 for Schedule I and II depressants (including GHB). The same change is made with respect to flunitrazepam, which, for sentencing purposes, is tied to Schedule I and II depressants.*

*The proposed amendment also amends the Chemical Quantity Table in §2D1.11 to include GBL, a precursor for GHB, as a List I chemical. Offense levels for GBL were established in the same fashion as other list I chemicals. The offense level for a specific quantity of GHB that can be produced from a given quantity of GBL, assuming a 50 percent yield, was determined using the Drug Quantity Table in §2D1.1. From this offense level, six levels were subtracted. This result identifies the corresponding offense level in the Chemical Quantity Table in §2D1.11.*

*The proposed amendment also adds Iodine to the Chemical Quantity Table in response to a recent classification of iodine as a List II chemical. Iodine is used to produce hydrogen iodide which, in the presence of water, becomes hydriodic acid, a list I chemical that is a reagent used in the production of amphetamine and methamphetamine. The penalties for Iodine were established based upon its conversion to hydriodic acid.*

**Proposed Amendment:**

**Part I: Uncap Schedule I and II Depressants**

**§2D1.1. Unlawful Manufacturing, Importing, Exporting, or Trafficking (Including Possession with Intent to Commit These Offenses); Attempt or Conspiracy**

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**(c) DRUG QUANTITY TABLE**

<b>Controlled Substances and Quantity*</b>	<b>Base Offense Level</b>
(1) M 30 KG or more of Heroin (or the equivalent amount of other Schedule I or II Opiates); M 150 KG or more of Cocaine (or the equivalent amount of other Schedule I or II Stimulants); M 1.5 KG or more of Cocaine Base; M 30 KG or more of PCP, or 3 KG or more of PCP (actual); M 15 KG or more of Methamphetamine, or 3 KG or more of Methamphetamine (actual), or 3 KG or more of "Ice"; M 300 G or more of LSD (or the equivalent amount of other Schedule I or II Hallucinogens); M 12 KG or more of Fentanyl; M 3 KG or more of a Fentanyl Analogue; M 30,000 KG or more of Marihuana; M 6,000 KG or more of Hashish; M 600 KG or more of Hashish Oil-; M 30,000,000 units or more of Schedule I or II Depressants; M 1,875,000 units or more of Flunitrazepam.	<b>Level 38</b>
(2) M At least 10 KG but less than 30 KG of Heroin (or the equivalent amount of other Schedule I or II Opiates); M At least 50 KG but less than 150 KG of Cocaine (or the equivalent amount of other Schedule I or II Stimulants); M At least 500 G but less than 1.5 KG of Cocaine Base; M At least 10 KG but less than 30 KG of PCP, or at least 1 KG but less than 3 KG of PCP (actual); M At least 5 KG but less than 15 KG of Methamphetamine, or at least 1 KG but less than 3 KG of Methamphetamine (actual), or at least 1 KG but less than 3 KG of "Ice"; M At least 100 G but less than 300 G of LSD (or the equivalent amount of other Schedule I or II Hallucinogens); M At least 4 KG but less than 12 KG of Fentanyl; M At least 1 KG but less than 3 KG of a Fentanyl Analogue; M At least 10,000 KG but less than 30,000 KG of Marihuana; M At least 2,000 KG but less than 6,000 KG of Hashish; M At least 200 KG but less than 600 KG of Hashish Oil-; M At least 10,000,000 but less than 30,000,000 units of Schedule I or II Depressants;	<b>Level 36</b>

M At least 625,000 but less than 1,875,000 units of Flunitrazepam.

- (3) M At least 3 KG but less than 10 KG of Heroin (or the equivalent amount of other Schedule I or II Opiates);  
M At least 15 KG but less than 50 KG of Cocaine (or the equivalent amount of other Schedule I or II Stimulants);  
M At least 150 G but less than 500 G of Cocaine Base;  
M At least 3 KG but less than 10 KG of PCP, or at least 300 G but less than 1 KG of PCP (actual);  
M At least 1.5 KG but less than 5 KG of Methamphetamine, or at least 300 G but less than 1 KG of Methamphetamine (actual), or at least 300 G but less than 1 KG of "Ice";  
M At least 30 G but less than 100 G of LSD (or the equivalent amount of other Schedule I or II Hallucinogens);  
M At least 1.2 KG but less than 4 KG of Fentanyl;  
M At least 300 G but less than 1 KG of a Fentanyl Analogue;  
M At least 3,000 KG but less than 10,000 KG of Marihuana;  
M At least 600 KG but less than 2,000 KG of Hashish;  
M At least 60 KG but less than 200 KG of Hashish Oil-;  
M At least 3,000,000 but less than 10,000,000 units of Schedule I or II Depressants;  
M At least 187,500 but less than 625,000 units of Flunitrazepam.

**Level 34**

- (4) M At least 1 KG but less than 3 KG of Heroin (or the equivalent amount of other Schedule I or II Opiates);  
M At least 5 KG but less than 15 KG of Cocaine (or the equivalent amount of other Schedule I or II Stimulants);  
M At least 50 G but less than 150 G of Cocaine Base;  
M At least 1 KG but less than 3 KG of PCP, or at least 100 G but less than 300 G of PCP (actual);  
M At least 500 G but less than 1.5 KG of Methamphetamine, or at least 100 G but less than 300 G of Methamphetamine (actual), or at least 100 G but less than 300 G of "Ice";  
M At least 10 G but less than 30 G of LSD (or the equivalent amount of other Schedule I or II Hallucinogens);  
M At least 400 G but less than 1.2 KG of Fentanyl;  
M At least 100 G but less than 300 G of a Fentanyl Analogue;  
M At least 1,000 KG but less than 3,000 KG of Marihuana;  
M At least 200 KG but less than 600 KG of Hashish;  
M At least 20 KG but less than 60 KG of Hashish Oil-;  
M At least 1,000,000 but less than 3,000,000 units of Schedule I or II Depressants;  
M At least 62,500 but less than 187,500 units of Flunitrazepam.

**Level 32**

- (5) M At least 700 G but less than 1 KG of Heroin (or the equivalent amount of other Schedule I or II Opiates);  
M At least 3.5 KG but less than 5 KG of Cocaine (or the equivalent amount of other Schedule I or II Stimulants);  
M At least 35 G but less than 50 G of Cocaine Base;  
M At least 700 G but less than 1 KG of PCP, or at least 70 G but less than 100 G

**Level 30**

- of PCP (actual);
- M At least 350 G but less than 500 G of Methamphetamine, or at least 70 G but less than 100 G of Methamphetamine (actual), or at least 70 G but less than 100 G of "Ice";
- M At least 7 G but less than 10 G of LSD (or the equivalent amount of other Schedule I or II Hallucinogens);
- M At least 280 G but less than 400 G of Fentanyl;
- M At least 70 G but less than 100 G of a Fentanyl Analogue;
- M At least 700 KG but less than 1,000 KG of Marihuana;
- M At least 140 KG but less than 200 KG of Hashish;
- M At least 14 KG but less than 20 KG of Hashish Oil-;
- M At least 700,000 but less than 1,000,000 units of Schedule I or II Depressants;
- M At least 43,750 but less than 62,500 units of Flunitrazepam.

- (6) M At least 400 G but less than 700 G of Heroin (or the equivalent amount of other Schedule I or II Opiates); **Level 28**
- M At least 2 KG but less than 3.5 KG of Cocaine (or the equivalent amount of other Schedule I or II Stimulants);
  - M At least 20 G but less than 35 G of Cocaine Base;
  - M At least 400 G but less than 700 G of PCP, or at least 40 G but less than 70 G of PCP (actual);
  - M At least 200 G but less than 350 G of Methamphetamine, or at least 40 G but less than 70 G of Methamphetamine (actual), or at least 40 G but less than 70 G of "Ice";
  - M At least 4 G but less than 7 G of LSD (or the equivalent amount of other Schedule I or II Hallucinogens);
  - M At least 160 G but less than 280 G of Fentanyl;
  - M At least 40 G but less than 70 G of a Fentanyl Analogue;
  - M At least 400 KG but less than 700 KG of Marihuana;
  - M At least 80 KG but less than 140 KG of Hashish;
  - M At least 8 KG but less than 14 KG of Hashish Oil-;
  - M At least 400,000 but less than 700,000 units of Schedule I or II Depressants;
  - M At least 25,000 but less than 43,750 units of Flunitrazepam.

- (7) M At least 100 G but less than 400 G of Heroin (or the equivalent amount of other Schedule I or II Opiates); **Level 26**
- M At least 500 G but less than 2 KG of Cocaine (or the equivalent amount of other Schedule I or II Stimulants);
  - M At least 5 G but less than 20 G of Cocaine Base;
  - M At least 100 G but less than 400 G of PCP, or at least 10 G but less than 40 G of PCP (actual);
  - M At least 50 G but less than 200 G of Methamphetamine, or at least 10 G but less than 40 G of Methamphetamine (actual), or at least 10 G but less than 40 G of "Ice";
  - M At least 1 G but less than 4 G of LSD (or the equivalent amount of other Schedule I or II Hallucinogens);
  - M At least 40 G but less than 160 G of Fentanyl;
  - M At least 10 G but less than 40 G of a Fentanyl Analogue;
  - M At least 100 KG but less than 400 KG of Marihuana;
  - M At least 20 KG but less than 80 KG of Hashish;
  - M At least 2 KG but less than 8 KG of Hashish Oil-;

- M At least 100,000 but less than 400,000 units of Schedule I or II Depressants;
- M At least 6,250 but less than 25,000 units of Flunitrazepam.

- (8) M At least 80 G but less than 100 G of Heroin (or the equivalent amount of other Schedule I or II Opiates);
- M At least 400 G but less than 500 G of Cocaine (or the equivalent amount of other Schedule I or II Stimulants);
  - M At least 4 G but less than 5 G of Cocaine Base;
  - M At least 80 G but less than 100 G of PCP, or at least 8 G but less than 10 G of PCP (actual);
  - M At least 40 G but less than 50 G of Methamphetamine, or at least 8 G but less than 10 G of Methamphetamine (actual), or at least 8 G but less than 10 G of "Ice";
  - M At least 800 MG but less than 1 G of LSD (or the equivalent amount of other Schedule I or II Hallucinogens);
  - M At least 32 G but less than 40 G of Fentanyl;
  - M At least 8 G but less than 10 G of a Fentanyl Analogue;
  - M At least 80 KG but less than 100 KG of Marihuana;
  - M At least 16 KG but less than 20 KG of Hashish;
  - M At least 1.6 KG but less than 2 KG of Hashish Oil-;
  - M At least 80,000 but less than 100,000 units of Schedule I or II Depressants;
  - M At least 5,000 but less than 6,250 units of Flunitrazepam.

**Level 24**

- (9) M At least 60 G but less than 80 G of Heroin (or the equivalent amount of other Schedule I or II Opiates);
- M At least 300 G but less than 400 G of Cocaine (or the equivalent amount of other Schedule I or II Stimulants);
  - M At least 3 G but less than 4 G of Cocaine Base;
  - M At least 60 G but less than 80 G of PCP, or at least 6 G but less than 8 G of PCP (actual);
  - M At least 30 G but less than 40 G of Methamphetamine, or at least 6 G but less than 8 G of Methamphetamine (actual), or at least 6 G but less than 8 G of "Ice";
  - M At least 600 MG but less than 800 MG of LSD (or the equivalent amount of other Schedule I or II Hallucinogens);
  - M At least 24 G but less than 32 G of Fentanyl;
  - M At least 6 G but less than 8 G of a Fentanyl Analogue;
  - M At least 60 KG but less than 80 KG of Marihuana;
  - M At least 12 KG but less than 16 KG of Hashish;
  - M At least 1.2 KG but less than 1.6 KG of Hashish Oil-;
  - M At least 60,000 but less than 80,000 units of Schedule I or II Depressants;
  - M At least 3,750 but less than 5,000 units of Flunitrazepam.

**Level 22**

- (10) M At least 40 G but less than 60 G of Heroin (or the equivalent amount of other Schedule I or II Opiates);
- M At least 200 G but less than 300 G of Cocaine (or the equivalent amount of other Schedule I or II Stimulants);
  - M At least 2 G but less than 3 G of Cocaine Base;
  - M At least 40 G but less than 60 G of PCP, or at least 4 G but less than 6 G of PCP (actual);
  - M At least 20 G but less than 30 G of Methamphetamine, or at least 4 G but less

**Level 20**

- than 6 G of Methamphetamine (actual), or at least 4 G but less than 6 G of "Ice";
- M At least 400 MG but less than 600 MG of LSD (or the equivalent amount of other Schedule I or II Hallucinogens);
- M At least 16 G but less than 24 G of Fentanyl;
- M At least 4 G but less than 6 G of a Fentanyl Analogue;
- M At least 40 KG but less than 60 KG of Marihuana;
- M At least 8 KG but less than 12 KG of Hashish;
- M At least 800 G but less than 1.2 KG of Hashish Oil;
- M ~~40,000 or more~~ At least 40,000 but less than 60,000 units of Schedule I or II Depressants or Schedule III substances;
- M ~~2,500 or more~~ At least 2,500 but less than 3,750 units of Flunitrazepam.

\* \* \*

Flunitrazepam \*\*

1 unit of Flunitrazepam = 16 gm of marihuana

~~\*\* Provided, that the combined equivalent weight of flunitrazepam, all Schedule I or II depressants, Schedule III substances, Schedule IV substances, and Schedule V substances shall not exceed 99.99 kilograms of marihuana.~~

The minimum offense level from the Drug Quantity Table for flunitrazepam individually, or in combination with any Schedule I or II depressants, Schedule III substances, Schedule IV substances, and Schedule V substances is level 8.

Schedule I or II Depressants \*\*\*

1 unit of a Schedule I or II Depressant = 1 gm of marihuana

~~\*\*\* Provided, that the combined equivalent weight of all Schedule I or II depressants, Schedule III substances, Schedule IV substances (except flunitrazepam), and Schedule V substances shall not exceed 59.99 kilograms of marihuana.~~

**Part II: Adding GBL and Iodine to the Chemical Quantity Table in §2D1.11**

**(d) CHEMICAL QUANTITY TABLE\***

**Listed Chemicals and Quantity**

**Base Offense Level**

(1)	<u>List I Chemicals</u> 17.8 KG or more of Benzaldehyde; 20 KG or more of Benzyl Cyanide; 20 KG or more of Ephedrine; 200 G or more of Ergonovine; 400 G or more of Ergotamine; 20 KG or more of Ethylamine; 44 KG or more of Hydriodic Acid; 320 KG or more of Isosafrole; 4 KG or more of Methylamine; 500 KG or more of N-Methylephedrine; 500 KG or more of N-Methylpseudoephedrine; 12.6 KG or more of Nitroethane; 200 KG or more of Norpseudoephedrine; 20 KG or more of Phenylacetic Acid; 200 KG or more of Phenylpropanolamine; 10 KG or more of Piperidine; 320 KG or more of Piperonal; 1.6 KG or more of Propionic Anhydride; 20 KG or more of Pseudoephedrine; 320 KG or more of Safrole; 400 KG or more of 3, 4-Methylenedioxyphenyl-2-propanone; 10,000 KG or more of Gamma-butyrolactone;	<b>Level 30</b>
(2)	<u>List I Chemicals</u> At least 5.3 KG but less than 17.8 KG of Benzaldehyde; At least 6 KG but less than 20 KG of Benzyl Cyanide; At least 6 KG but less than 20 KG of Ephedrine; At least 60 G but less than 200 G of Ergonovine; At least 120 G but less than 400 G of Ergotamine; At least 6 KG but less than 20 KG of Ethylamine; At least 13.2 KG but less than 44 KG of Hydriodic Acid; At least 96 KG but less than 320 KG of Isosafrole; At least 1.2 KG but less than 4 KG of Methylamine; At least 150 KG but less than 500 KG of N-Methylephedrine; At least 150 KG but less than 500 KG of N-Methylpseudoephedrine; At least 3.8 KG but less than 12.6 KG of Nitroethane; At least 60 KG but less than 200 KG of Norpseudoephedrine; At least 6 KG but less than 20 KG of Phenylacetic Acid; At least 60 KG but less than 200 KG of Phenylpropanolamine; At least 3 KG but less than 10 KG of Piperidine; At least 96 KG but less than 320 KG of Piperonal;	<b>Level 28</b>

At least 480 G but less than 1.6 KG of Propionic Anhydride;  
At least 6 KG but less than 20 KG of Pseudoephedrine;  
At least 96 KG but less than 320 KG of Safrole;  
At least 120 KG but less than 400 KG of 3, 4-Methylenedioxyphenyl-2-propanone;  
At least 3,000 KG but less than 10,000 KG of Gamma-butyrolactone;

List II Chemicals

11 KG or more of Acetic Anhydride;  
1175 KG or more of Acetone;  
20 KG or more of Benzyl Chloride;  
1075 KG or more of Ethyl Ether;  
1200 KG or more of Methyl Ethyl Ketone;  
10 KG or more of Potassium Permanganate;  
1300 KG or more of Toluene-;  
7.52 KG or more of Iodine.

(3) List I Chemicals

**Level 26**

At least 1.8 KG but less than 5.3 KG of Benzaldehyde;  
At least 2 KG but less than 6 KG of Benzyl Cyanide;  
At least 2 KG but less than 6 KG of Ephedrine;  
At least 20 G but less than 60 G of Ergonovine;  
At least 40 G but less than 120 G of Ergotamine;  
At least 2 KG but less than 6 KG of Ethylamine;  
At least 4.4 KG but less than 13.2 KG of Hydriodic Acid;  
At least 32 KG but less than 96 KG of Isosafrole;  
At least 400 G but less than 1.2 KG of Methylamine;  
At least 50 KG but less than 150 KG of N-Methylephedrine;  
At least 50 KG but less than 150 KG of N-Methylpseudoephedrine;  
At least 1.3 KG but less than 3.8 KG of Nitroethane;  
At least 20 KG but less than 60 KG of Norpseudoephedrine;  
At least 2 KG but less than 6 KG of Phenylacetic Acid;  
At least 20 KG but less than 60 KG of Phenylpropanolamine;  
At least 1 KG but less than 3 KG of Piperidine;  
At least 32 KG but less than 96 KG of Piperonal;  
At least 160 G but less than 480 G of Propionic Anhydride;  
At least 2 KG but less than 6 KG of Pseudoephedrine;  
At least 32 KG but less than 96 KG of Safrole;  
At least 40 KG but less than 120 KG of 3, 4-Methylenedioxyphenyl-2-propanone;  
At least 1,000 KG but less than 3,000 KG of Gamma-butyrolactone;

List II Chemicals

At least 3.3 KG but less than 11 KG of Acetic Anhydride;  
At least 352.5 KG but less than 1175 KG of Acetone;  
At least 6 KG but less than 20 KG of Benzyl Chloride;  
At least 322.5 KG but less than 1075 KG of Ethyl Ether;  
At least 360 KG but less than 1200 KG of Methyl Ethyl Ketone;  
At least 3 KG but less than 10 KG of Potassium Permanganate;  
At least 390 KG but less than 1300 KG of Toluene-;  
At least 2.51 KG but less than 7.52 KG of Iodine.

(4) List I Chemicals

**Level 24**

At least 1.2 KG but less than 1.8 KG of Benzaldehyde;  
At least 1.4 KG but less than 2 KG of Benzyl Cyanide;  
At least 1.4 KG but less than 2 KG of Ephedrine;  
At least 14 G but less than 20 G of Ergonovine;  
At least 28 G but less than 40 G of Ergotamine;  
At least 1.4 KG but less than 2 KG of Ethylamine;  
At least 3.08 KG but less than 4.4 KG of Hydriodic Acid;  
At least 22.4 KG but less than 32 KG of Isosafrole;  
At least 280 G but less than 400 G of Methylamine;  
At least 35 KG but less than 50 KG of N-Methylephedrine;  
At least 35 KG but less than 50 KG of N-Methylpseudoephedrine;  
At least 879 G but less than 1.3 KG of Nitroethane;  
At least 14 KG but less than 20 KG of Norpseudoephedrine;  
At least 1.4 KG but less than 2 KG of Phenylacetic Acid;  
At least 14 KG but less than 20 KG of Phenylpropanolamine;  
At least 700 G but less than 1 KG of Piperidine;  
At least 22.4 KG but less than 32 KG of Piperonal;  
At least 112 G but less than 160 G of Propionic Anhydride;  
At least 1.4 KG but less than 2 KG of Pseudoephedrine;  
At least 22.4 KG but less than 32 KG of Safrole;  
At least 28 KG but less than 40 KG of 3, 4-Methylenedioxyphenyl-2-propanone;  
At least 700 KG but less than 1,000 KG of Gamma-butyrolactone;

List II Chemicals

At least 1.1 KG but less than 3.3 KG of Acetic Anhydride;  
At least 117.5 KG but less than 352.5 KG of Acetone;  
At least 2 KG but less than 6 KG of Benzyl Chloride;  
At least 107.5 KG but less than 322.5 KG of Ethyl Ether;  
At least 120 KG but less than 360 KG of Methyl Ethyl Ketone;  
At least 1 KG but less than 3 KG of Potassium Permanganate;  
At least 130 KG but less than 390 KG of Toluene;;  
At least 1.76 KG but less than 2.51 KG of Iodine.

(5) List I Chemicals

**Level 22**

At least 712 G but less than 1.2 KG of Benzaldehyde;  
At least 800 G but less than 1.4 KG of Benzyl Cyanide;  
At least 800 G but less than 1.4 KG of Ephedrine;  
At least 8 G but less than 14 G of Ergonovine;  
At least 16 G but less than 28 G of Ergotamine;  
At least 800 G but less than 1.4 KG of Ethylamine;  
At least 1.76 KG but less than 3.08 KG of Hydriodic Acid;  
At least 12.8 KG but less than 22.4 KG of Isosafrole;  
At least 160 G but less than 280 G of Methylamine;  
At least 20 KG but less than 35 KG of N-Methylephedrine;  
At least 20 KG but less than 35 KG of N-Methylpseudoephedrine;  
At least 503 G but less than 879 G of Nitroethane;  
At least 8 KG but less than 14 KG of Norpseudoephedrine;

At least 800 G but less than 1.4 KG of Phenylacetic Acid;  
At least 8 KG but less than 14 KG of Phenylpropanolamine;  
At least 400 G but less than 700 G of Piperidine;  
At least 12.8 KG but less than 22.4 KG of Piperonal;  
At least 64 G but less than 112 G of Propionic Anhydride;  
At least 800 G but less than 1.4 KG of Pseudoephedrine;  
At least 12.8 KG but less than 22.4 KG of Safrole;  
At least 16 KG but less than 28 KG of 3, 4-Methylenedioxyphenyl-2-propanone;  
At least 400 KG but less than 700 KG of Gamma-butyrolactone;

List II Chemicals

At least 726 G but less than 1.1 KG of Acetic Anhydride;  
At least 82.25 KG but less than 117.5 KG of Acetone;  
At least 1.4 KG but less than 2 KG of Benzyl Chloride;  
At least 75.25 KG but less than 107.5 KG of Ethyl Ether;  
At least 84 KG but less than 120 KG of Methyl Ethyl Ketone;  
At least 700 G but less than 1 KG of Potassium Permanganate;  
At least 91 KG but less than 130 KG of Toluene-;  
At least 1 KG but less than 1.76 KG of Iodine.

(6) List I Chemicals

**Level 20**

At least 178 G but less than 712 G of Benzaldehyde;  
At least 200 G but less than 800 G of Benzyl Cyanide;  
At least 200 G but less than 800 G of Ephedrine;  
At least 2 G but less than 8 G of Ergonovine;  
At least 4 G but less than 16 G of Ergotamine;  
At least 200 G but less than 800 G of Ethylamine;  
At least 440 G but less than 1.76 KG of Hydriodic Acid;  
At least 3.2 KG but less than 12.8 KG of Isosafrole;  
At least 40 G but less than 160 G of Methylamine;  
At least 5 KG but less than 20 KG of N-Methylephedrine;  
At least 5 KG but less than 20 KG of N-Methylpseudoephedrine;  
At least 126 G but less than 503 G of Nitroethane;  
At least 2 KG but less than 8 KG of Norpseudoephedrine;  
At least 200 G but less than 800 G of Phenylacetic Acid;  
At least 2 KG but less than 8 KG of Phenylpropanolamine;  
At least 100 G but less than 400 G of Piperidine;  
At least 3.2 KG but less than 12.8 KG of Piperonal;  
At least 16 G but less than 64 G of Propionic Anhydride;  
At least 200 G but less than 800 G of Pseudoephedrine;  
At least 3.2 KG but less than 12.8 KG of Safrole;  
At least 4 KG but less than 16 KG of 3, 4-Methylenedioxyphenyl-2-propanone;  
At least 100 KG but less than 400 KG of Gamma-butyrolactone;

List II Chemicals

At least 440 G but less than 726 G of Acetic Anhydride;  
At least 47 KG but less than 82.25 KG of Acetone;  
At least 800 G but less than 1.4 KG of Benzyl Chloride;  
At least 43 KG but less than 75.25 KG of Ethyl Ether;

At least 48 KG but less than 84 KG of Methyl Ethyl Ketone;  
At least 400 G but less than 700 G of Potassium Permanganate;  
At least 52 KG but less than 91 KG of Toluene-;  
At least 250.8 G but less than 1 KG of Iodine.

(7) List I Chemicals

**Level 18**

At least 142 G but less than 178 G of Benzaldehyde;  
At least 160 G but less than 200 G of Benzyl Cyanide;  
At least 160 G but less than 200 G of Ephedrine;  
At least 1.6 G but less than 2 G of Ergonovine;  
At least 3.2 G but less than 4 G of Ergotamine;  
At least 160 G but less than 200 G of Ethylamine;  
At least 352 G but less than 440 G of Hydriodic Acid;  
At least 2.56 KG but less than 3.2 KG of Isosafrole;  
At least 32 G but less than 40 G of Methylamine;  
At least 4 KG but less than 5 KG of N-Methylephedrine;  
At least 4 KG but less than 5 KG of N-Methylpseudoephedrine;  
At least 100 G but less than 126 G of Nitroethane;  
At least 1.6 KG but less than 2 KG of Norpseudoephedrine;  
At least 160 G but less than 200 G of Phenylacetic Acid;  
At least 1.6 KG but less than 2 KG of Phenylpropanolamine;  
At least 80 G but less than 100 G of Piperidine;  
At least 2.56 KG but less than 3.2 KG of Piperonal;  
At least 12.8 G but less than 16 G of Propionic Anhydride;  
At least 160 G but less than 200 G of Pseudoephedrine;  
At least 2.56 KG but less than 3.2 KG of Safrole;  
At least 3.2 KG but less than 4 KG of 3, 4-Methylenedioxyphenyl-2-propanone;  
At least 80 KG but less than 100 KG of Gamma-butyrolactone;

List II Chemicals

At least 110 G but less than 440 G of Acetic Anhydride;  
At least 11.75 KG but less than 47 KG of Acetone;  
At least 200 G but less than 800 G of Benzyl Chloride;  
At least 10.75 KG but less than 43 KG of Ethyl Ether;  
At least 12 KG but less than 48 KG of Methyl Ethyl Ketone;  
At least 100 G but less than 400 G of Potassium Permanganate;  
At least 13 KG but less than 52 KG of Toluene-;  
At least 200.64 G but less than 250.8 G of Iodine.

(8) List I Chemicals

**Level 16**

3.6 KG or more of Anthranilic Acid;  
At least 107 G but less than 142 G of Benzaldehyde;  
At least 120 G but less than 160 G of Benzyl Cyanide;  
At least 120 G but less than 160 G of Ephedrine;  
At least 1.2 G but less than 1.6 G of Ergonovine;  
At least 2.4 G but less than 3.2 G of Ergotamine;  
At least 120 G but less than 160 G of Ethylamine;  
At least 264 G but less than 352 G of Hydriodic Acid;

At least 1.92 KG but less than 2.56 KG of Isosafrole;  
At least 24 G but less than 32 G of Methylamine;  
4.8 KG or more of N-Acetylanthranilic Acid;  
At least 3 KG but less than 4 KG of N-Methylephedrine;  
At least 3 KG but less than 4 KG of N-Methylpseudoephedrine;  
At least 75 G but less than 100 G of Nitroethane;  
At least 1.2 KG but less than 1.6 KG of Norpseudoephedrine;  
At least 120 G but less than 160 G of Phenylacetic Acid;  
At least 1.2 KG but less than 1.6 KG of Phenylpropanolamine;  
At least 60 G but less than 80 G of Piperidine;  
At least 1.92 KG but less than 2.56 KG of Piperonal;  
At least 9.6 G but less than 12.8 G of Propionic Anhydride;  
At least 120 G but less than 160 G of Pseudoephedrine;  
At least 1.92 KG but less than 2.56 KG of Safrole;  
At least 2.4 KG but less than 3.2 KG of 3, 4-Methylenedioxyphenyl-2-propanone;  
At least 60 KG but less than 80 KG of Gamma-butyrolactone;

#### List II Chemicals

At least 88 G but less than 110 G of Acetic Anhydride;  
At least 9.4 KG but less than 11.75 KG of Acetone;  
At least 160 G but less than 200 G of Benzyl Chloride;  
At least 8.6 KG but less than 10.75 KG of Ethyl Ether;  
At least 9.6 KG but less than 12 KG of Methyl Ethyl Ketone;  
At least 80 G but less than 100 G of Potassium Permanganate;  
At least 10.4 KG but less than 13 KG of Toluene-;  
At least 150.48 G but less than 200.64 KG of Iodine.

(9) List I Chemicals

### **Level 14**

At least 2.7 KG but less than 3.6 KG of Anthranilic Acid;  
At least 71.2 G but less than 107 G of Benzaldehyde;  
At least 80 G but less than 120 G of Benzyl Cyanide;  
At least 80 G but less than 120 G of Ephedrine;  
At least 800 MG but less than 1.2 G of Ergonovine;  
At least 1.6 G but less than 2.4 G of Ergotamine;  
At least 80 G but less than 120 G of Ethylamine;  
At least 176 G but less than 264 G of Hydriodic Acid;  
At least 1.44 KG but less than 1.92 KG of Isosafrole;  
At least 16 G but less than 24 G of Methylamine;  
At least 3.6 KG but less than 4.8 KG of N-Acetylanthranilic Acid;  
At least 2.25 KG but less than 3 KG of N-Methylephedrine;  
At least 2.25 KG but less than 3 KG of N-Methylpseudoephedrine;  
At least 56.25 G but less than 75 G of Nitroethane;  
At least 800 G but less than 1.2 KG of Norpseudoephedrine;  
At least 80 G but less than 120 G of Phenylacetic Acid;  
At least 800 G but less than 1.2 KG of Phenylpropanolamine;  
At least 40 G but less than 60 G of Piperidine;  
At least 1.44 KG but less than 1.92 KG of Piperonal;  
At least 7.2 G but less than 9.6 G of Propionic Anhydride;

At least 80 G but less than 120 G of Pseudoephedrine;  
At least 1.44 KG but less than 1.92 KG of Safrole;  
At least 1.8 KG but less than 2.4 KG of 3, 4-Methylenedioxyphenyl-2-propanone;  
At least 40 KG but less than 60 KG of Gamma-butyrolactone;

List II Chemicals

At least 66 G but less than 88 G of Acetic Anhydride;  
At least 7.05 KG but less than 9.4 KG of Acetone;  
At least 120 G but less than 160 G of Benzyl Chloride;  
At least 6.45 KG but less than 8.6 KG of Ethyl Ether;  
At least 7.2 KG but less than 9.6 KG of Methyl Ethyl Ketone;  
At least 60 G but less than 80 G of Potassium Permanganate;  
At least 7.8 KG but less than 10.4 KG of Toluene-;  
At least 100.32 G but less than 150.48 G of Iodine.

(10) List I Chemicals

**Level 12**

Less than 2.7 KG of Anthranilic Acid;  
Less than 71.2 G of Benzaldehyde;  
Less than 80 G of Benzyl Cyanide;  
Less than 80 G of Ephedrine;  
Less than 800 MG of Ergonovine;  
Less than 1.6 G of Ergotamine;  
Less than 80 G of Ethylamine;  
Less than 176 G of Hydriodic Acid;  
Less than 1.44 KG of Isosafrole;  
Less than 16 G of Methylamine;  
Less than 3.6 KG of N-Acetylanthranilic Acid;  
Less than 2.25 KG of N-Methylephedrine;  
Less than 2.25 KG of N-Methylpseudoephedrine;  
Less than 56.25 G of Nitroethane;  
Less than 800 G of Norpseudoephedrine;  
Less than 80 G of Phenylacetic Acid;  
Less than 800 G of Phenylpropanolamine;  
Less than 40 G of Piperidine;  
Less than 1.44 KG of Piperonal;  
Less than 7.2 G of Propionic Anhydride;  
Less than 80 G of Pseudoephedrine;  
Less than 1.44 KG of Safrole;  
Less than 1.8 KG of 3, 4-Methylenedioxyphenyl-2-propanone;  
Less than 40 KG of Gamma-butyrolactone;

List II Chemicals

Less than 66 G of Acetic Anhydride;  
Less than 7.05 KG of Acetone;  
Less than 120 G of Benzyl Chloride;  
Less than 6.45 KG of Ethyl Ether;  
Less than 7.2 KG of Methyl Ethyl Ketone;  
Less than 60 G of Potassium Permanganate;  
Less than 7.8 KG of Toluene-;

Less than 100.32 G of Iodine.

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