

LIST OF 15 EXPLOSIVE PRECURSORS

The following are the EPs and the different threshold levels,

<u>Substance</u>	<u>Exclusions</u>
1. Ammonium Nitrate	a. aqueous solutions containing less than 60% weight in weight ³ of ammonium nitrate b. any mixture, including a fertilizer, which contains ammonium nitrate and in which any part of the nitrogen content having a chemically determined ammonium equivalent constitutes, together with that equivalent, less than 28%, by weight of the said mixture
2. Ammonium Perchlorate	-
3. Barium nitrate	Preparations and solutions containing less than 10%, weight in weight, of barium nitrate
4. Guanidine nitrate	-
5. Hydrogen peroxide	Preparations and solutions containing not more than 20%, weight in weight, of hydrogen peroxide
6. Potassium chlorate	-
7. Potassium nitrate	Preparations and solutions containing less than 5%, weight in weight, of potassium nitrate or a combination of both potassium nitrate and sodium nitrate
8. Potassium nitrite	Aqueous solutions containing less than 5% weight in weight, of potassium nitrite
9. Potassium perchlorate	-
10. Sodium chlorate	-
11. Sodium nitrate	Preparations and solutions containing less than 5%, weight in weight, of sodium nitrate or a combination of both sodium

<u>Substance</u>	<u>Exclusions</u>
	nitrate and potassium nitrate
12. Sodium nitrite	Aqueous solutions containing less than 5%, weight in weight, of sodium nitrite
13. Sodium perchlorate	-
14. Perchloric acid	-
15. Tetranitromethane	-

³ Weight in weight: the concentration levels of the controlled chemicals cannot exceed the stipulated threshold limit.

COMMON USES OF THE 15 EXPLOSIVE PRECURSORS

S/No	Chemical	Uses
1	Ammonium Nitrate	Fertilizers, matches, explosives and pyrotechnics, oxidiser in solid rock propellants.
2	Ammonium Perchlorate	Propellants, explosives and pyrotechnics.
3	Barium Nitrate	Glass, ceramics, pyrotechnics for green fire, green signal light.
4	Guanidine Nitrate	Disinfectants, photographic chemicals.
5	Hydrogen Peroxide	Antiseptic, disinfectant, bleaching, electroplating, plasticizers, refining and cleaning metals.
6	Potassium Chlorate	Bleaching, dyes, explosives, pyrotechnics, fireworks, matches, printing and dyeing cotton and wool black.
7	Potassium Nitrate	Glass manufacturing, preservatives, matches, fertilizer, tobacco treatment, steel tempering, pyrotechnics, toothpastes, fireworks.
8	Potassium Nitrite	Food additives, corrosion, nutrients for aquarium plants, antidote for cyanide poisoning.
9	Potassium Perchlorate	Photography, explosives and pyrotechnics.
10	Sodium Chlorate	Herbicides, bleaching (pulp industry), dyes, leather, explosives, matches, fireworks, bleach for paper pulp, leather tanning and finishing, weed killer.
11	Sodium Nitrate	Fertilizer, refrigerant, matches, pharmaceuticals, preservatives, glass manufacturing, metallurgy, steel tempering, corrosion, dyes.
12	Sodium Nitrite	Rubber accelerators, preservatives, medicine, metallurgy, corrosion, dyes, printing textile and fabrics, photography, glass lubricants
13	Sodium Perchlorate	Explosives, matches.
14	Perchloric Acid	Electropolishing, explosives.
15	Tetranitromethane	Petrochemicals, propellants and explosives.

GUIDELINES ON APPLICATION FOR LICENCES TO DEAL IN, MANUFACTURE, POSSESS AND / OR STORE EXPLOSIVE PRECURSORS

CRITERIA FOR APPLICANT, DIRECTORS/ PARTNERS AND STAFF

- 1 The applicant, directors/ partners and staff who will be directly involved in the handling explosive precursors must fulfil the following criteria:
 - (a) be a fit and proper person e.g. free from criminal record; and
 - (b) have the relevant experience and knowledge in the handling of explosive precursors.

STORAGE FACILITIES

- 2 There must be proper and secured facilities for storing of the explosive precursors.

APPLICATION PROCEDURE

- 3 Every application for a licence shall be made using the electronic application services in PLUS
- 4 The applicant is to required submit the following to the Licensing Officer within 5 working days from the date of submission of the application:
 - (a) The MSDS of the type Explosive Precursors that he intends to deal in/ manufacture/ possess or store; and
 - (b) The security plan for storage; and
 - (c) The latest business profile information from ACRA; and
 - (d) documentary proof showing his experience in handling arms or explosives.

The supporting documents must be faxed or posted together with the acknowledgement slip generated by PLUS to the following address:

Police Licensing Division
391 New Bridge Road #02-701
Police Cantonment Complex
Singapore 088762
Fax: 6538 6647

REQUIREMENT ON HOLDERS OF LICENCES TO DEAL IN, MANUFACTURE, POSSESS AND / OR STORE EXPLOSIVE PRECURSORS

Notification of change of address

1. Every licensee shall notify the Licensing Officer, before he moves from the address specified in his licence to a new address, of the change in his address.

Notification of loss and theft involving explosive precursors

2. In the event of any loss or theft of any explosive precursor, the licensee concerned shall —
- (a) immediately report, or cause to be reported, the loss or theft to the police; and
 - (b) as soon as practicable, furnish the Licensing Officer with a detailed report in writing on the following:
 - (i) the circumstances leading to the loss or theft (as the case may be); and
 - (ii) the measures taken by him to prevent a recurrence of the loss or theft (as the case may be).

Transportation of explosive precursors

3. Where a licensee transports, or causes or permits to be transported, any licensed explosive precursor in any vehicle, the licensee shall ensure —

- (a) that the driver of the vehicle has undergone the relevant training conducted by the Singapore Civil Defence Force to enable him to understand —
 - (i) the nature of the dangers which the explosive precursors may give rise to;
 - (ii) the action to be taken in an emergency; and
 - (iii) the requirements under the Fire Safety (Petroleum and Flammable Materials) Regulations (G. N. No. S81/2005) with respect to the carrying of documents; and
- (b) the driver of the vehicle has been issued with a Hazardous Materials Transport Driver Permit under those Regulations by the Singapore Civil Defence Force.

Prohibition of purchase of explosive precursors from unlicensed person

4. No person shall purchase any explosive precursor from any other person who does not hold a licence to deal in that explosive precursor.

Register book

5.—(1) Every licensee shall keep and maintain a register book which shall contain the information specified in paragraph (2).

(2) For the purposes of paragraph (1), the register book shall contain the following information, as applicable:

- (a) the date on which any licensed explosive precursor is taken into stock, manufactured, imported, exported, sold, supplied, transferred or removed;
- (b) the licence number to which the licensed explosive precursor relates;
- (c) the description, quantity and concentration of the licensed explosive precursor;

- (d) the name, identification number (such as, NRIC number, foreign identification number, passport number or business registration number) and address of —
 - (i) the person to whom the licensed explosive precursor is sold, supplied or transferred; or
 - (ii) the person from whom the licensed explosive precursor is purchased or received; and
- (e) the purpose of each transaction involving the licensed explosive precursor.

(3) Every licensee shall keep the records contained in the register book for a period of not less than 3 years.

PRESCRIBED CONDITIONS FOR LICENCES TO POSSESS EXPLOSIVE PRECURSORS

1. The licensee shall take such appropriate security measures as to prevent any loss or theft of any explosive precursor in his possession or under his control.
2. The licensed explosive precursor shall be for use solely by the licensee.
3. The licensee shall not sell, supply or transfer the licensed explosive precursor to any person without the written approval from the Licensing Officer.
4. The licensee shall ensure that only such of his agents, employees and other persons as are authorised by him have access to the licensed explosive precursor.
5. The licensee shall surrender his licence to the Licensing Officer within 3 working days of its suspension or cancellation.
6. Any other conditions that may be imposed by the Licensing Officer from time to time.

PRESCRIBED CONDITIONS FOR LICENCES TO MANUFACTURE EXPLOSIVE PRECURSORS

1. The licensee shall only manufacture the licensed explosive precursor in the licensed premises.
2. The licensee shall ensure that all activities involving the licensed explosive precursor are carried out in a manner that ensures the safety and security of all persons and property exposed to the risks.
3. The licensee shall ensure that his agents, employees and other persons who are engaged in the handling of the licensed explosive precursor are adequately trained in the safe handling of the licensed explosive precursor.
4. The licensee shall implement and maintain —
 - (a) the security measures in accordance with the security proposal approved by the Licensing Officer; and
 - (b) such other security or safety measures as the Licensing Officer may, from time to time, direct.
5. No licensee shall deliver to any person any explosive precursor —

- (a) unless that person possesses a licence to deal in the explosive precursor or to possess the explosive precursor, and has produced the licence; and
 - (c) beyond the extent or amount permitted by the licence of that person.
- 6. The licensee shall immediately report to the Licensing Officer any attempted theft, or any suspicious incident that threatens the security, of the manufactured explosive precursors.
- 7. Any other conditions that may be imposed by the Licensing Officer from time to time.

PRESCRIBED CONDITIONS FOR LICENCES TO DEAL IN EXPLOSIVE PRECURSORS

- 1. No licensee shall deliver to any person any explosive precursor —
 - (a) unless that person is licensed to possess the explosive precursor, and has produced the licence; and
 - (b) beyond the extent or amount permitted by the licence of that person.
- 2. The licensee shall surrender his licence to the Licensing Officer within 3 working days of its suspension or cancellation.
- 3. The licensee shall immediately report to the Licensing Officer any attempted theft, or any suspicious incident that threatens the security, of the licensed explosive precursor.
- 4. Any other conditions that may be imposed by the Licensing Officer from time to time.

PRESCRIBED CONDITIONS FOR LICENCES FOR STORAGE PREMISES

- 1. The licensee shall implement and maintain —
 - (a) the security measures in accordance with the security proposal approved by the Licensing Officer; and
 - (b) such other security or safety measures as the Licensing Officer may, from time to time, direct.
- 2. The licensee shall ensure that only such of his agents, employees and other persons as are authorised by him have access to the licensed premises.
- 3. The licensee shall immediately report to the Licensing Officer any attempted theft, or any suspicious incident that threatens the security, of any explosive precursor in the licensed premises.
- 4. The licensee shall ensure that all activities involving any explosive precursor in the licensed premises are carried out in a manner that ensures the safety and security of all persons and property exposed to the risks.
- 5. The licensee shall ensure that his agents, employees and other persons who are engaged in the handling of the any explosive precursor in the licensed premises are adequately trained in the safe handling of the explosive precursor.
- 6. The licensee shall ensure that any explosive precursor in the licensed premises that has expired and that is unsafe for storage is immediately removed from the licensed premises and disposed of.
- 7. Any other conditions that may be imposed by the Licensing Officer from time to time.

FEES

	<i>First column</i>	<i>Second column</i>
1.	Licence to possess or control, to possess and store, or to control and store, any explosive precursor	\$60
2.	Licence to import or export a consignment of any explosive precursor	\$20
3.	Licence to manufacture, or to manufacture and store, any explosive precursor	\$130
4.	Licence to deal in, or to deal in and store, any explosive precursor	\$260
5.	Licence to store any explosive precursor	\$130
6.	Replacement licence	\$10.