



## *Beijing Olympics 8-8-2008*

*BDP External Advisory – 8 July '08, issue 7*

- ❖ The Olympic Games will be held from 8 August to 24 August 2008.
- ❖ The Paralympics will be held from 6 September to 17 September
- ❖ The main venues are in Beijing
- ❖ Supporting venues are in Tianjin, Qingdao, Shanghai, Shenyang, Qinghuangdao and Hong Kong
- ❖ Mainly to improve the air quality, the Government is considering a variety of measures, some of which may impact the supply chain.
- ❖ Formal announcements are issued on local city or district level, with relatively short notice.
- ❖ Shipping lines and airlines issue their own restrictions, which are subject to changes.
- ❖ BDP provides regular updates on the measures taken, the potential Impact and steps that can be taken to mitigate the impact.
- ❖ Supplementary information, for reference purposes, is provided in Appendix
- ❖ **Updated information in this issue is marked in red**

- ❖ Part of the restrictions being considered have been formally confirmed:
  - Restrictions announced by Maritime Bureau applying at Shanghai Port
    - ❑ Update: Shanghai port Dangerous Goods terminal issued a list with UN numbers, see appendix, identifying products restricted between 18 July to 31 August
  - Restrictions announced by CAAC on Aircargo
    - ❑ Update: the CAAC announcement applies to Chinese airlines only
  
- ❖ Because of the limited amount of information it is critical to realize the following:
  - Only the above restrictions are formally announced.
  - The formal announcements have lead to different interpretations
  - There are many rumors circulating in the market leading to a high degree of uncertainty
  - This BDP Advisory purpose is to provide as much as possible information, strictly for reference purposes only. Due to the limited formally confirmed announcements it is not possible to provide an accurate prediction on the impact.
  
- ❖ The recommendations to mitigate the potential impact have remained unchanged

- ❖ **Formal announcement from Shanghai Port Authority**
  - Shanghai Port Authority announced a list of products that will be restricted to load, unload or transit in Shanghai Port from 18 July to 31 August
  - The product list was providing a Chinese description and this was interpreted differently by various shipping lines. This resulted in announcements by shipping lines containing different English product names and DG Class and UN codes. The announcements by shipping lines are updated/changed frequently and may not be followed by overseas port of origin office.
  - The actual restriction on booking acceptance need to be verified at port of origin at the time of shipping and may differ from the announcements.
  
- ❖ **Other ports**
  - It is expected that other China ports will follow the announcement in Shanghai.
  - Even when this other ports do not formally make an announcement, it is expected shipping lines will follow the Shanghai announcement for all China ports (excluding Hong Kong)

- ❖ **Formal announcement from Shanghai Port Authority, continued:**
  - From 20 July to 31 August, Shanghai port will cease handling loading & unloading of the below listed products
  - As of 18 July Shanghai port no longer accepts applications for above products, from 25 August onwards applications will be accepted (subject loading/unloading Date being after 31 August)
  - list of products subject to restrictions in Shanghai (informal translation from Chinese):
    - Explosives**
    - Organic peroxides**
    - Hyper-toxic products**
    - Radioactive products**
    - Hydrogen peroxide**
    - Acetone**
    - Sulphuric acid**
    - Hydrochloric acid**
    - Nitric acid**
    - Ammonium nitrate (including ammonium nitrate fertilizer)**
  - Since there is no formal translation into English, there are many different interpretations

- ❖ Formal announcement from Shanghai Port Authority, continued:
- ❖ Restrictions announced by shipping lines:
  - Most shipping lines base the restrictions on the restrictions issued by the Shanghai Port based on their own interpretation
  - It should be noted that the Chinese version prevails and this may cause large differences in interpretation. The most commonly used classification following IMDG code is as follows:
    - 1, 5.2, 6.1, 7,
    - 5.1 (UN 1511, 2014, 2015)
    - 3 (UN 1090, 1091)
    - 8 (1830, 1831, 1832, 2796, 2031, 2032, 1789)
    - 9 (UN 2071, 2067, 3375, 2426)
  - There are shipping lines that continue accepting bookings on a case by case basis
  - It is critical to continue checking with shipping lines on the actual status of restriction or booking acceptance, which may change from one sailing to another.
  - Important! : Shipping lines booking acceptance at origin does not warrant that the shipment can be released at China port at time of arrival. The port may detain the the shipment after arrival with all cost to be born by shipper.
  - Attached appendix includes tables with restrictions as announced by some of the shipping lines, this is strictly for reference only as it is changed regularly.

- ❖ Formal announcement from Shanghai Port Authority, continued:
- ❖ **Restrictions announced by Shanghai Port Dangerous Goods terminal:**
  - The Dangerous Goods terminal has issued a detailed list, showing the DG class and the UN numbers of the products that will be restricted between 18 July to 31 August
  - If shipping lines align themselves with this list, from a practical point of view it will result in increased possibilities to ship products in and out of China.
  - It may take some time before the shipping lines have distributed this information and issue a new guideline within their network

❖ Airlines:

- CAAC has made an announcement on 2 June indicating the following:
  - **Import and export of DG classified shipment will be suspended at the airports located at Olympic venue cities from 1 July to 30 September**
    - **Update: This restriction applies to Chinese airlines only**
  - **Only specific products required for medical purposes may be excluded from these restrictions**
  - **At airports located at cities that have no Olympic venue, the transport of DG classified shipments will be subject to strict controls. Delays in import and export processing are to be expected.**
  - **Classes 2.3 poisonous gasses, 6.1 and 6.2 are considered high risk goods and transport of these goods will be subject CAAC approval**

Issue	Odd/even plate restriction	Green/yellow permit	Non-Beijing vehicles prohibited	Inspections on Green/yellow and Beijing entry permits at check points	Specific DG classes not accepted by shipping lines	DG classes prohibited to transit at China ports
Customer/supplier located within restricted area	1. Increase fleet of each plate	1. Apply green permits for fleet 2. Set up back up fleet with green permits	1. Apply Beijing entry permits for non-Beijing fleet 2. Set up transit dock to transfer cargo from non-Beijing vehicle to Beijing vehicle	1. Increase lead time/transit time agreements	1. Identify if any products are affected 2. Study contingency measures with customer/supplier	1. Check with shipping line if ship has other bookings of restricted DG class
Production	1. Employee own vehicle transportation study		1. Plan material movement via transit dock and increase lead time accordingly	1. Inspections are expected to increase lead time for material supply	1. Obtain alternative production source 2. Produce ahead of restrictive period and establish buffer stock	
Logistics cost	1. Demand/supply balance will shift and cost expected to increase	1. Green permit vehicle cost expected to increase 2. Bottle neck at check points expected	1. Bottle neck at check points expected 2. Demand for transit dock space to increase	1. Bottle neck at check points expected	1. Cost of inventory expected to increase	1. Cost of inventory expected to increase
Customer / suppliers located in AP region, other than China	N.A.	N.A.	N.A.	N.A.	N.A.	1. Check with carrier whether ship will transit at China ports 2. Source carriers not transiting in China ports

## Recommendations

*Next BDP Olympic advisory update will be released  
upon receipt of updated information*

# *Appendix*

*Maps*

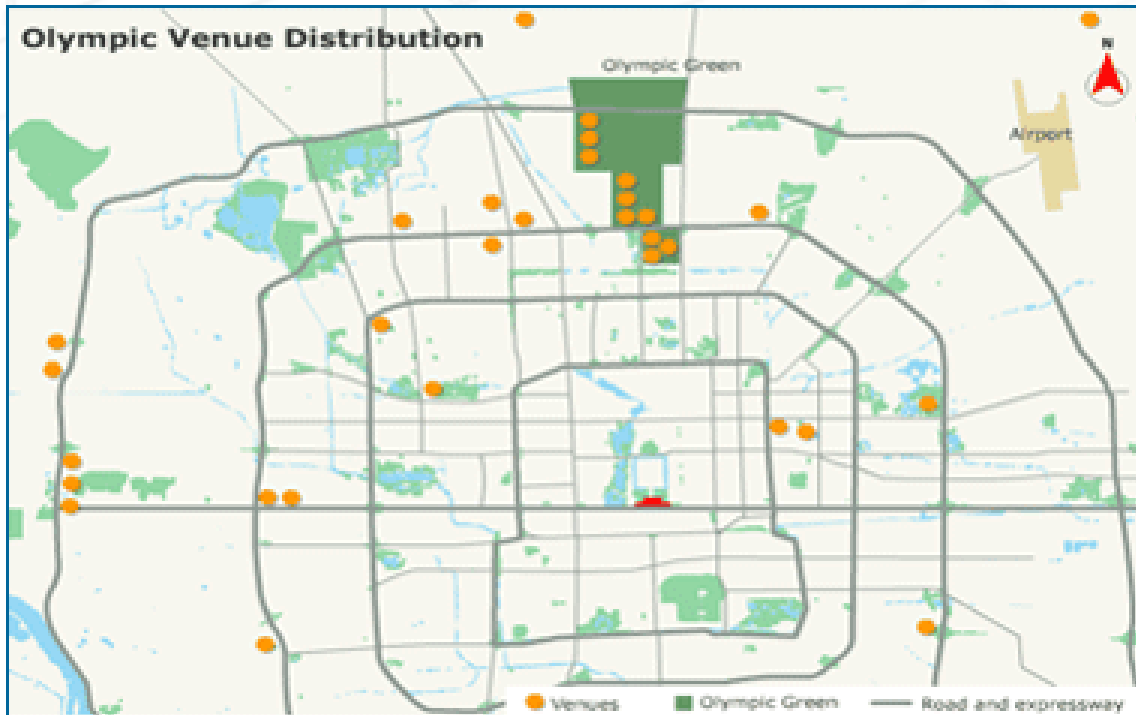
*257 product list*

*125 product list*

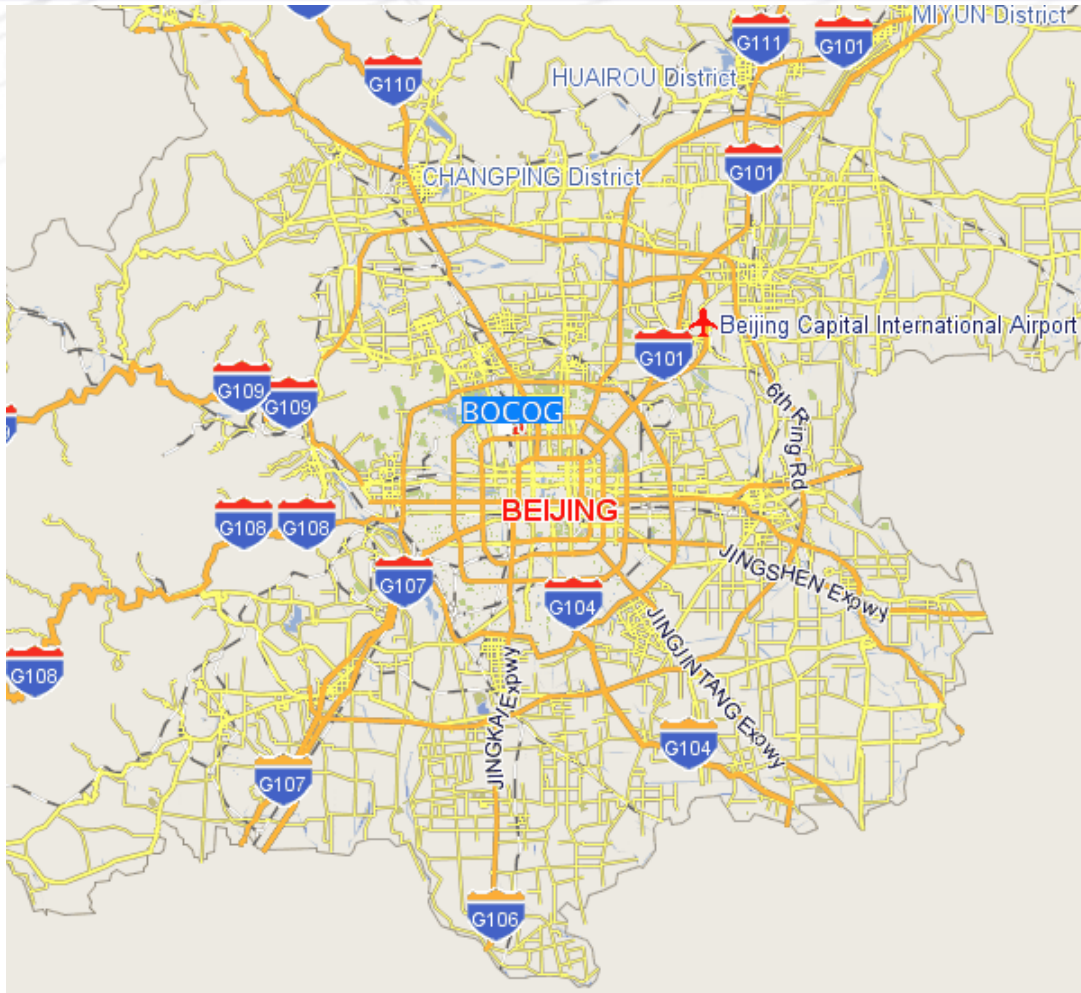
*Road Transport restrictions*

*Shipping Lines restriction tables*

*Shanghai Port Dangerous Goods Terminal Product list*



Beijing map with Olympic venues



Beijing map with restricted area within 6<sup>th</sup> ring road



Beijing & Tianjin area 200 km radius – polluting plants closure

Tentative list of 257 products, possibly subject to controls at Beijing:

1,2 epoxy propane, 1,4 butylene glycol, 1- chloropropene, 1 – naphthylamine, hydrochloride, 2,4-diaminotoluene, 2,4-dinitrotoluene, 2,4-dinitrochlorobenze, 2-quinuclidone, 3,3 dimethyl buthylammonium, 2-alcohol, 3,6-dimethyl-butanediol, 3-chloropropenes, 3-hydroxy-1-methyl piperidine, neammonia, sodamide, propionic acid, propylene, propylene ammoniation, hypochlorous acid, iodine, potassium iodide, butyrolacetone, paranitrophenol, osmium powder, catechol, diphenyl hydroxyacetic acid, methyl benzilate, dimethylamine, dimethylamine hydrochloride, sodiumdisulfide, sulfur dichloride, selenium dioxide, ammonium vanadate, fluorobenzene, potassium fluoride, chromite, methyldiethanolamine, dimethyl methylphosphonate, methylphosphonic dichloride, formaldehyde, quinuclidine-3-ol, phosphorus, calcium phosphide, aluminum phosphide, lithium phosphate, thiodiethanol, thiodanol, sulphur, sodium thiocyanate, dimethyl sulfate, copper sulfate, thioglycol, sulfoxide chloride, aurous chloride, chlorinated alcohol, chloroacetamide, sodium amalgam, pinacolone, calcium hydroxide, potassium hydroxide, sodium hydroxide, cyanide, silver cyanide, triphenylamine, phosphorus trichloride, trinitrophenol, sulphur trioxide, triethanolamine, triethanolamine hydrochloride, arsenic, aluminium arsenide, sodium arsenite, potassium carbonate, sodium carbonate, anhydrous ammonia, anhydrous methanol, anhydrous ethanol, phosphorus pentasulfide, phosphorus

Tentative list of 257 products, continued:

pentasulfide, phosphorus pentoxide, mercuric nitrate, mercurous nitrate, sodium bromide, bromoethane, Dimethyl phosphonate, diethyl phosphate, trimethyl phosphite, triethyl phosphate, sulfurous dichloride, selenious acid, nitrogen monoxide, ethyldiethanolamine, ethanethiol, acetylene acetic acid, ethylene, 1,3-cyclohexadienyl hydrazine, 2,2 dinitro cycloheptanone, D- Mannitol, sulfamae, aminotriazole, ammonia, aniline, phenol, anisole, benzylamine, propionitrile, propionaldehyde, ultrafine zinc powder, acetic acid, acetic anhydride, lead acetate, sodium azide, diaminobenzene, dibenzo-tetrazapentalene, phenol disulfonic acid, biphenyls, dinitrobenzene, dinitrophenol, dinitro-biphenyls, dinitromethane, dinitrochlorobenzene, diethanolamine, sodium phenol, glycerine, potassium permanganate, zirconium powder, Zirconium-aluminium alloy, mercury, hydrogen peroxide, helium, propylene oxide, cyclomethane, epichlorohydrin, ethylene oxide, pentaerythritol, Phenothiazine, toluene, methanol, methyl benzene, methylaniline, formaldehyde, polyformaldehyde, carbazole, cubane-carboxylic acid, sulfur, sodium sulfide, sulfuric acid, aluminum powder, chlorobenzene, chloroform, ammonium chloride, potassium chlorate, sodium chlorate, magnesium powder, magnesium aluminum alloy powder, pyrimidine, urea, citric acid, hydroxylamine, hydrogen, cyanuric trichloride,

Tentative list of 257 products, continued:

trichlorobenzene, trinitrocyclopropylamine, trinitromethane, tribromobenzene, ammonium arsenate, petroleum ether, tert-butylamine, nitro-onium tetrafluoroborate, 4-nitrobiphenyls, sodium bicarbonate, urotropine, nitro compounds, nitrotoluenes, nitromethane, trihydroxy methyl nitro methane, nitric acid, ammonium nitrate, barium nitrate, potassium nitrate, lithium nitrate, sodium nitrate, lead nitrate, silver nitrate, chloride sodium bisulphate, silver nitrite, phentolamine mesylate, 1-nitrobenzene, 1-nitrophenol, 1-nitromethane, 1-nitrochlorobenzene, ethylene urea, ethanol, ethylenediamine, ethylene glycol, glyoxal, acetonitrile, ethyl ether, vinyl alcohol, acetyl salicylic acid, mercry isocyanide acid, ethyl acetate, acetaldehyde, methane acetone, carbon tetrachloride, perchloric acid (acid content by mass more than 50% and less than 72%), potassium perchlorate, lithium perchlorate, sodium perchlorate, nickel nitrate, magnesium nitrate, calcium nitrate, strontium nitrate, zinc nitrate, caesium nitrate, nitrocellulose, nitrocellulose (dry or wet, water or ethanol content by mass less than 25%), nitrocellulose (not modified or not plasticized, plasticizer of not less than 18% by mass), nitrocellulose (wet, higher than 25% ethanol by mass), aquiferous nitrocellulose (water content of not less than 25% by mass),

Tentative list of 257 products, continued:

nitrocellulose containing ethanol (not less than 25 per cent of ethanol by mass, not less than 12.6% nitrogen by dry weight), nitrocellulose (not more than 12.6 per cent nitrogen by dry weight, the mixture containing or not containing plasticizer, with or without paint), nitroethane, nitro-naphthalene, nitrobenzene nitrophenol (o-, m-, p-), nitroaniline, dinitrophenol alkali metal salt (dry, or wet, less than 15% water by mass), dinitroresorcinol (dry, or wet, less than 15% water by mass), sodium dinitroresorcinol (dry, or wet, less than 15% water by mass), anhydrous methylamine, lithium, sodium, potassium, antimony powder, zinc ash or zinc dust, silicon iron alloy powder (uncoated), sodium borohydride, lithium borohydride, potassium borohydride, barium oxide, potassium oxide, trilead tetroxide, barium peroxide, sodium picramate (dry, or wet, less than 20% water by mass), sodium pennanganate.

- ❖ List of hyper-toxic products, list of 125 possibly subject control at Shanghai:
  - The number of products impacted are 125 products.
  - The following links include a list of the 125 products in Chinese, a formal English translation is not yet available.  
<http://www.shanghai.gov.cn/shanghai/node2314/node2319/node12344/userobject26ai14518.html>  
[http://www.shsafety.gov.cn/platformData/infoplat/pub/ajj\\_13/docs/200805/d\\_104002.html](http://www.shsafety.gov.cn/platformData/infoplat/pub/ajj_13/docs/200805/d_104002.html)
  - The reporting requirement is effective as of 19 May until 20 October, actual implementation is by local and district authorities
  - The term hyper-toxic is a local definition and not the same as the IMDG code class 6.1 toxic products classification




Traffic measures considered and expected to be announced only on local or District level:

**Beijing:**

- July 1st – August 21st, all vehicles with environmental protection marks (Yellow) in Beijing are prohibited entering into the 2nd Ring Road
- August 21st – September 20th, all vehicles with environmental protection marks (Yellow) in Beijing are prohibited entering into the 5th Ring Road
- July 20th – September 20th, odd numbers of cars can drive on the main street on Monday, Wednesday, Friday and Sunday, and even numbers run on Tuesday, Thursday and Saturday
- July 1st – September 20th, all vehicles other than Beijing's are not allowed to drive into Beijing

### Shipping lines:

- Several shipping lines have announced restrictions for some ports, applying to specific DG Classes and to specific ports, with different effective period.

Shipping Line, continued	Port	DG classes restricted	Period
APL	<b>Xingang/Tianjin Shanghai Qingdao, Dalian</b>	explosive materials (fireworks & fire crackers), organic peroxide, toxic chemicals, radioactive goods, hydrogen peroxide, acetone, sulfuric acid, nitric acid, hydrochloric acid and ammonium nitrate.  Microsoft Excel 100x100	11/7-25/8
Maersk	Shanghai, Tianjing/Xingang, QingDao, Dalian	All classes excluded class9 (* class 9 UN2071 will be restricted)  Microsoft Word 100x100	July 18 – Sep.30 Prohibited handling
Hapag Lloyd	Shanghai, NingBo, QingDao, Dalian, Xingang / Tinjin	1, 5.2, 6.1, 7, 8, 5.1(UN1942,2067,2426,3375,2014,2015,) 5.1(8) (UN1511,2014,2051),3 (UN 1090, 1091) 8 (UN 1830, 1831, 1832, 2796, 1789, 1790,2031,2032,2067, 2071, 3375, 2426), 9(UN2071)	18/7 – 31/8
NYK	Shanghai, NingBo, QingDao, Dalian, Xingang / Tinjin	1, 5.2, 6.1(pls refer to list attached) , 7, 8, 5.1(UN1942,2067,2426,3375,2014,2015,) 5.1(8) (UN1511,2014,2051) 3 (UN 1090, 1091) 8 (UN 1830, 1831, 1832, 2796, 1789, 1790,2031,2032,2067, 2071, 3375, 2426) 9 (UN 2071, 2067, 3375, 2426,0222,1942)  Microsoft Excel 100x100	1)Prohibited DG declaration and approval from July 18th to Aug 25th. 2) Prohibited handling from July 20th to Aug 31th.

Shipping Line, continued	Port	DG classes restricted	Period
MSC	Shanghai	Class 1 , 5.2 6 2.3 7 5.1 Acetone, vitriol, nitric acid, Hydrochloric acid, ammonium nitrate including chemical fertilizer	18/7 – 31/8
HYUNDAI	Shanghai	Class 1 2.3 5.2 6 7 8	1/7 – 31/8
China Shipping	Mainland China ports	1,2,3 (UN1090), 4,5,6,7,8 (acids), 9 (UN 2071,2212, 2315, 3151, 3152)	1/6 – 31/8
PIL	Shanghai	Explosives, organic peroxide, Hyper toxic, radioactive, hydrogen peroxide, Acetone, sulphuric acid, nitric acid, Hydrochloric acid, ammonium nitrate fertilizer	18/7 – 31/8
K LINE	Shanghai	Class 1 5.2 6.1 6.2 7 5.1 (1511,2014 2015 2984 3149 1942 2067 2426 3375 2071) 3 (1090 1091 1148) 8 4.1 (2448 1350) Explosives, organic peroxide, Hyper toxic, radioactive, hydrogen peroxide, Acetone, sulphuric acid, nitric acid, Hydrochloric acid, ammonium nitrate fertilizer	1/7 – 31/8
CMA	Ningbo, Shanghai, Lianyungang, Qingdao, Xingang, Dalian, Shantou	1, 2, 3 (UN1090, 1091, 2381) 4, 5.1, 5.2, 6.1, 7 8 (UN 1786, 1830, 1831, 1832, 2796, 1789, 1730, 1837, 1754) 9 (UN2071)	Imports: 13/7 – until further notice Exports: 14/7 – 31/8 Shantou only: 29/5 – 31/8

Shipping Line	Port	DG classes restricted	Period
OOCL	Shanghai, NingBo, QingDao, Dalian, Xingang / Tinjin	1, 5.2, 6.1, 7, 8, 5.1(UN1942,2067,2426,3375,2014,2015,) 5.1(8) (UN1511,2014,2051), 3 (UN 1090, 1091) 8 (UN 1830, 1831, 1832, 2796, 1789, 1790,2031,2032,2067, 2071, 3375, 2426), 9(UN2071)	1)Prohibited DG declaration and approval from July 18th to Aug 25th. 2) Prohibited handling from July 20th to Aug 31th
Cosco	Shanghai	1,5.2, 6, 7,5.1 (UN 1511, 2015, 3149), 3 (UN 1090), 8 (UN 1831,2796, 1830, 1832), 8 (UN2031, 2032, 1789)	20/7 – 31/8
MOL	All China ports including Hongkong	1 5.2 2.3 6.1 6.2 7 5.1 3 8 9 Fireworks and self-reactive substance, organic peroxide, Toxic Gas and Toxic Substance , radioactive, hydrogen peroxide, Acetone, sulphuric acid, nitric acid, Hydrochloric acid, ammonium nitrate, Nitrate Base Fertilizer	13/7 – 31/8

## Shanghai Port Dangerous Goods Terminal, restricted products, translated text

To make sure of the security of the ports during the Olympic games, from July 18 to August 31, suspension of the transportation and restriction to passing the border of some dangerous goods will happen in the following ports: Shanghai, Ningbo, Qingdao, Xingang/Tianjin (for the information on the chemicals import issue please call: 0769-23182509/13556681081)

No entry, nor passing through the border (i.e no import, export, transshipment):  
Class 1, Class 5.2 and Class 7

No permission of transportation for the following UN no.:

Class 2.3 and their sub dangerous Class 2.3

UN no.: 1008, 1749, 1911, 2188, 2417, 2548, 3162, 1017, 2190, 2420, 1026, 1045, 1067, 1076

Class 3: UN no. 1090, 1091 and all the goods with the technical terms containing 'acetone'

Class 5.1: UN no. 1942, 2067, 2426, 3375 and all the goods with the technical terms containing 'ammonium nitrate'

Class 5.1(8): UN no. 1511, 2014, 2051 and all the goods with the technical terms containing 'hydrogen peroxide'

## Shanghai Port Dangerous Goods Terminal, restricted products, translated text, continued

Class 6.1 and other dangerous goods with sub-dangerous labeling in Class 6.1

UN no.: 1051, 1135, 1238, 1320, 1510, 1561, 1611, 1092, 1143, 1239, 1348, 1541, 1570, 1624, 1093, 1163, 1244, 1380, 1544, 1575, 1625, 1098, 1182, 1251, 1545, 1577, 1629, 1185, 1259, 1553, 1580, 1634, 1194, 1554, 1585, 1636, 1556, 1588, 1638, 1559, 1595, 1641, 1560, 1598, 1649, 1651, 1689, 1701, 1809, 1911, 2025, 1654, 1692, 1704, 1810, 1921, 2026, 1670, 1695, 1707, 1837, 1994, 2027, 1674, 1697, 1714, 1868, 2029, 1678, 1698, 1730, 1886, 2078, 1680, 1749, 1687, 1751, 1754, 2232, 2334, 2404, 2501, 2629, 2745, 2810, 2249, 2337, 2411

The shipment of other dangerous goods in Class 6.1 should apply and get the approval from the local Maritime Safety Administration.

Class 8: UN no. 1830, 1831, 1832, 2796 and all the goods with the technical terms containing 'sulfuric acid'

Class 8: UN no. 2031, 2032 and all the goods with the technical terms containing 'nitric acid'

Class 8: UN no. 1789, 1790 and all the goods with the technical terms containing 'hydrochloric acid'.

Class 9: UN no. 2071

IV. Chinese and foreigner athletes to the Olympic game or the applicants for the games of aviation shooting game will abide other laws and regulations, the same to the foreigner airline companies who ship the dangerous.