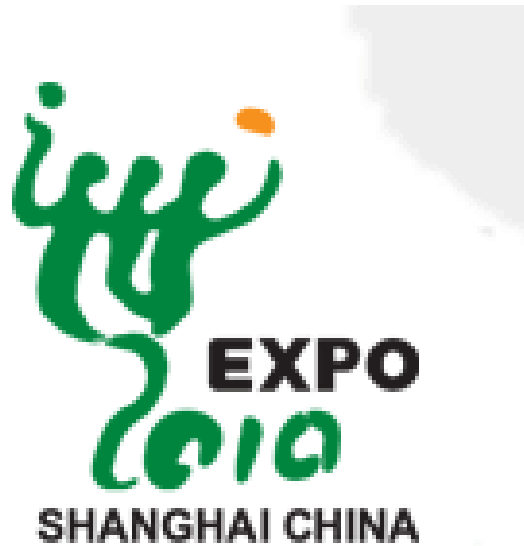


World Expo 2010 – Shanghai Dangerous Goods Restrictions



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Dangerous Goods Restrictions

- ▲ Expo Site
 - Waterfront area on both sides of Huangpu River
 - Expo dates May 1 – October 31, 2010
- ▲ Port restrictions April 15 – November 15, 2010
 - All port terminals in the central and upstream of Huangpu River prohibited from handling dangerous goods cargo (from Yangpu Bridge to the Minhange Power Plant).
- ▲ Beginning April 30 – October 31, 2010 all ports excluding Yanshan will be prohibited from handling certain dangerous goods. (See next slide)

DG Prohibited Due to Expo 2010 Shanghai China

Port	DG Prohibited For Discharging (Inbound) ; DG Prohibited For Loading (Outbound) ; DG Prohibited For Trans-shipment (Relay) ; DG Prohibited For Transits (In-Transits) and DG Prohibited For Re-handling	Effective Date	Expiry Date
Shanghai (Excluding YAN Terminal)	All Class 1	30-Apr-10 0001LT	1-Nov-10 0100LT
	Class 2.3 and any commodity containing the technical name of "toxic"		
	Class 3 (Acetone) - UN1090 ; UN1091 and any commodity containing the technical name of "Acetone"		
	Class 5.1 + 8 (Hydrogen Peroxide) - UN3149 ; UN2015 ; UN2014 ; UN2984 ; UN1511 and any commodity containing the technical name of "Hydrogen Peroxide"		
	Class 5.2 (organic peroxide) (Ecolab peracids)		
	Class 6.1 (toxic chemicals) and any with sub-label 6.1		
	Class 7 (radioactive goods)		
	Class 8 (Sulphuric Acid) - UN1786; UN1831; UN1832 ; UN1830 and any commodity containing the technical name of "Sulphuric Acid"		
	Class 8 (Nitric Acid) - UN2031 ; UN2032 any commodity containing the technical name of "Nitric Acid"		
	Class 8 (Hydrochloric Acid) - UN1789 and any commodity containing the technical name of "Hydrochloric Acid"		
Ammonium Nitrate - UN2067 ; UNUN2071 ; UN3375 ; UN2426 ; UN1942 and any commodity containing the technical name of "Ammonium Nitrate"			
Remarks	aa) Fireworks Export at WGQ terminals can be reviewed & approved by Shanghai Maritime Safety Authority (SMSA) on voyage basis bb) There is no restriction at Yanshan (YAN) terminal.		

Dangerous Goods Not Manufactured/Exported - China

- ▲ - Class 2.3 or any commodity containing the technical name of "toxic"
- ▲ - Class 3 (Acetone)- UN1090; UN1091 or any commodity containing the technical name of "Acetone"
- ▲ - Class 7 (radioactive goods)
- ▲ - Ammonium Nitrate - UN2067; UN2071; UN3375; UN2426; UN1942 or any commodity containing the technical name of "Ammonium nitrate"

Dangerous Goods – Manufactured in China

- ▲ - Class 5.1 + 8 (Hydrogen Peroxide) - UN3149; UN2014 and other commodities containing the technical name of "Hydrogen Peroxide"
- ▲ - Class 5.2 (Organic Peroxide)
- ▲ - Class 6.1 (toxic chemicals) and any sub-label 6.1
- ▲ - Class 8 (Sulphuric Acid) -UN1830 and other commodities containing the technical name of "Sulphuric Acid"
- ▲ - Class 8 (Nitric Acid) - UN2031 and other commodities containing the technical name of "Nitric Acid"
- ▲ - Class 8 (Hydrochloric Acid) - UN1789 and other commodities containing the technical name of "Hydrochloric Acid"

Dangerous Goods Restrictions – Road Transportation Restraint Guidelines

Security and Safety Restrictions will be implemented at three different levels, only level two applies to Ecolab

■ Level 2 - 30th April to 31st Oct 2010: Monthly Report on road transportation of Dangerous Goods will be implemented. Carriers (transportation companies) are required to submit the report on the 5th of each month, for transport of DG handled in previous month. During level 2 the following will apply:

- Dangerous Goods vehicles, unless they have a special approval, are not permitted to enter the vicinity of the Expo Site

Dangerous Goods Cargo Restrictions – Shanghai Ports

- ▲ Effective 30th April 2010 to 31 Oct. 2010 the following Dangerous Goods Operations will be prohibited at Shanghai ports except Yangshan Port:
 - Explosive materials
 - Organic Peroxides
 - Hydrogen Peroxides
 - Acetone
 - Sulfuric Acid
 - Nitric Acid
 - Hydrochloric Acid
- ▲ All administrative departments of the ports will increase the % on random check and inspection of dangerous goods operations and packages by 6%.

Dangerous Goods Cargo Restrictions – Shipping Lines

- ▲ Most shipping lines published the DG restriction in accordance with the formal announcement issues by the Shanghai Municipal Transport Authority, based on **their own interpretation**.
- ▲ 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 changed from one sailing to another
- ▲ **Note:** 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 shipment after arrival with all cost to be born by the shipper.

Shanghai Map with Location of Shanghai Ports

