

Volume by product

thousand tonne	Total Demand/by end user	Total inbound	Regular	SS	% of total	Industry concentration	Concentrated location	Concentrated area
1 SM	800	498.61	C	17%	14.2%	10 big plants plus lots of end-users	Shunde, Zhuhai	the west of Zhujiang
2 Methyl alcohol	460	460	C	16%	13.1%	Highly concentrated	Fanyu, Zhuhai, Zhanjiang, Guangz	the west of Zhujiang
3 Toluene	500	424.54	C	15%	12.1%	Scattered	Dongguan	the east of Zhujiang
4 PX	381.2	381.18	C	13%	10.9%	Highly concentrated in BP PTA plant	Zhuhai	
5 Dimethylbenzene	450	345	C	12%	9.9%	Scattered	Dongguan, Shunde	Shunde, east of Zhujiang; Dongguan, west of Dongguan
6 MEG	300	210	SS		33%	Concentrated in 5-7 polyester plants	Fushan, Zhuhai, Kaiping	the west of Zhujiang
7 AA	210	210	SS+H		33%	Scattered	Dongguan, Shunde, Fushan	Zhujiang Delta
8 1-Octanol	183.6	183.6	C	6%	5.2%	Concentrated in 5 end-users	Dongguan, Zhongshan, Gaoming, F	Zhujiang Delta
9 DOP	330	160	C	6%	4.6%	Scattered	Dongguan(toy), Jieyang(shoes) and	Dongguan, Jieyang and Gaoming
10 OX	160	160	C	6%	4.6%	Concentrated in 3 end-users	Zhuhai, Zhongshan, Jieyang, Dongg	Dongguan, Jieyang and Gaoming
11 1-Butanol	130	130	C	5%		Concentrated in 5-6 n-Butyl acetate pla	Jiangmen, Huizhou, Guangzhou	the west of Zhujiang
12 Acetone	120	120	C	4%		Scattered	Zhuhai, Dongguan	Zhuhai, east of Zhujiang; Dongguan, west of Zhujiang
13 DEG	100	93	SS	15%		Scattered	Guangzhou, Fanyu, Nanhai, Jiangme	the west of Zhujiang
14 DMF	70	70	SS	11%		Scattered	Guangzhou, Shenzhen, Maoming	the east of Zhujiang
15 MMA	51	51	SS	8%		Scattered	Guangzhou, Fushan, Dongguan, Zhc	Zhujiang Delta
16 n-Butyl acetate	120	5	SS	1%				
17 Ethyl acetate	90	0	SS					
18 6,120 Solvent oil	60.3		C					
19 Phenol	36		SS+H					
20 PPG	36		C					
21 CPL	10.6		C					
22 TDI	10		SS+H					
Others, volume and how many types	391.3	389						
Total	5000	3891						
Pearl River Delta Total		2918						

* Including import and export, regional transshipment of import and China production that arrives through shipping

1. By end-user means total demand; by inbound means total inbound. The two volume may not always equal due to local production.

2. Total volume means total volume of liquid chemical products that have shoretank demands, not the total liquid chemical products demands. We estimate that the covered products holding 90% total shoretank demand.

million tons	Top 17	%
Regular storage	2.86	82% Regular
SS storage	0.43	18% SS
SS + heating	0.21	
Total	3.50	100%

Top 17 as % of total

Pearl River Delta as % of guandong

90% Source: Chemease

75% Source: Chemease

Volume by product

thousand tonne

	Total Demand/by end user	Total inbound	
DOP	80.4	80.4	
Methyl alcohol	180	120	
AA	50	50	
MEG	225	225	
Toluene	60	60	
PX	720	720	
Dimethylbenzene	20	20	
Phenol	20	20	Phenol volume in Fujian is too tiny to include.
Acetone	5	5	
DEG	20	20	
SM	150	87.79	
MMA	7	7	
1-Butanol	7.2	7.2	
1-Octanol	0	0	
n-Butyl acetate	100	100	
Ethyl acetate	80	80	
OX	17	17	
TDI	10	10	TDI volume in Fujian is too tiny to include.
DMF	70	70	
PPG	30		PPG volume in Fujian is too tiny to include.
6,120 Solvent oil	0	0	
CPL	2		CPL volume in Fujian is too tiny to include.
Others, volume and how many types	146.4		
Total	2000		

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Regular storage	Total inbound	Industry concentration	Concentrated location
PX	720	Highly concentrated in Xiamen Xi	Xiamen
Methyl alcohol	120	Concentrated in 18 end-users	Zhangzhou, Sanming
SM	87.79	Highly concentrated in one PS pla	Quanzhou, Xiamen, Fujian
DOP	80.4	Scattered	Fuqing, Jinjiang
SS storage			
MEG	225	Concentrated in 6 polyester plants	Xiamen, Jinjiang, Changle
n-Butyl acetate	100	Scattered	Sanming, Fuzhou
Ethyl acetate	80	Scattered	Sanming, Fuzhou
DMF	70	Scattered	Jinjiang
SS + heating			
AA	50	Scattered	Sanming
Phenol	20	Scattered	Sanming, Xiamen
TDI	10	Scattered	Jinjiang