

III Overview of MIPA in China

III-1 Production situation

Table III-1.1 List of Chinese MIPA producers, 2010

No.	English name	Abbr.	Website	Status '10
1	Zhejiang Xinhua Chemical Co., Ltd.	Zhejiang Xinhua	www.xhchem.com	Active
2	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
3	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
4	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
5	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
6	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
7	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Table III-1.2 Production situation of Chinese MIPA producers, 2010

No.	Abbr.	Capacity (t/a)		Output (t)		
		2010	2009	2009	2008	2007
1	Zhejiang Xinhua	100,000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
3	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
4	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
5	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
6	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
7	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	Total	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

III-2 Production technology

Table III-2.1 Production cost of MIPA by the two routes

Item	Acetone route			IPA route		
	Unit consumption (/t MIPA)	Price (USD)	Cost (USD)	Unit consumption (/t MIPA)	Price (USD)	Cost (USD)
Acetone (t)	[REDACTED]	[REDACTED]	[REDACTED]	-	-	-
Isopropyl alcohol (t)	-	-	-	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	0.5	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Total	-	-	[REDACTED]	-	-	[REDACTED]

III-3 Brief introduction to raw materials

III-3.1 Acetone

Table III-3.1.1 Supply and demand of acetone in China, 2000-2009

Year	Capacity (t/a)	Output (t)	Import (t)	Export (t)	Apparent consumption (t)	Self-sufficiency
2000	135,000	■	■	■	■	■
2001	■	■	■	■	■	■
2002	■	■	■	■	■	■
2003	198,000	■	■	■	■	■
2004	■	■	■	■	■	■
2005	■	■	■	■	■	■
2006	■	■	■	■	■	■
2007	■	■	■	■	■	■
2008	■	■	■	■	■	■
2009	■	■	■	■	■	■

Table III-3.1.2 Producers of acetone in China

No.	Company	Capacity 2010 (t/a)	Output 2008 (t)
1	■	■	■
2	■	■	■
3	■	■	■
4	■	■	■
5	■	■	■
6	■	■	■
	Total	■	■

III-5 Import and export

Table III-5.1 Import and export situation of MIPA, 1995-Feb. 2010

Year	Export		Import	
	Volume (t)	Value (USD)	Volume (t)	Value (USD)
1996				
1997	104		2,127	
1998	81			
1999				
2000				
2001				
2002				
2003				
2004				
2005				
2006				
2007				
2008				
2009				
2010 (Jan.-Feb.)				

Table III-5.2 Export situation of Chinese MIPA broken by export destination, 2009

No.	Destination	Volume (t)	Price (USD/kg)
1			
2			
3			
4			
5			
6			
7			
8			
9		699	
10			
11			
12			
13			
14			
15			
16			
17	Philippines		
18			
19			
	Total		

Table III-5.3 Export situation of MIPA by shipment mode, 2009

No.	Shipment	Volume (t)	Price (USD/kg)
1	Processing with imported materials	██████	██████
2	Ordinary Trade	██████	██████
3	Bonded warehouse transit goods	██████	██████
	Total	██████	██████

Table III-5.4 Export situation of MIPA by active producers, 2009

No.	Producer	Volume (tonne)		Price (USD/kg)
		Self-export	Export via traders	
1	Zhejiang Xinhua Chemical Co., Ltd.	██████	██████	██████
2	████████████████████	██████	██████	██████
3	████████████████████	██████	██████	██████
4	████████████████████	██████	██████	██████
	Total	██████	██████	██████

III-6.4 Brief introduction to major end-use segments

Table III-6.4.1 Supply of glyphosate 41%IPA and 62%IPA in China, 2002-2009

Year	41%IPA		Output of 62%IPA (t)
	Output (t)	Export proportion	
2002	██████	██████	██████
2003	25,300	98.9%	██████
2004	██████	██████	██████
2005	██████	██████	██████
2006	██████	██████	██████
2007	██████	██████	██████
2008	██████	██████	██████
2009	██████	██████	██████

Table III-6.4.2 Key exporters/producers of glyphosate IPA salts in China

No.	Companies	Export 2008 (t)	Export 2009 (t)
1	████████████████████	██████	██████
2	████████████████████	██████	██████
3	████████████████████	██████	██████
4	████████████████████	██████	██████
5	████████████████████	██████	██████
6	████████████████████	██████	██████
7	████████████████████	██████	██████
8	████████████████████	██████	██████
9	████████████████████	██████	██████
10	████████████████████	██████	██████
11	Nantong Jiangshan Agrochemical & Chemical Co., Ltd.	██████	██████

12			
13			
14			
15			

20			
21			
26		<1,000	<1,000
	Total		

Table III-6.4.3 Annual registration situation of glyphosate IPA salts in China as of Apr. 2010

Formulation	2004	2005	2006	2007	2008	2009	2010
41%IPA							
62%IPA	1						

- Atrazine

Table III-6.4.4 Registration situation of atrazine technical in China as of Apr. 2010

No.	Company	Certificate Number	Content	Validity date	Deadline
1			XXX	XXXXXXXXX	XXXXXXXXX
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15	Shandong Dacheng Chemical Group	PD20091306	95%	2009.02.01	2014.02.01
16		XXXXXXXXX			
17		XXXXXXXXX			
18		XXXXXXXXX			
19		XXXXXXXXX			
20		XXXXXXXXX			
21		XXXXXXXXX			
22		XXXXXXXXX			