

## I-2.3 Product Species & Production

In China, there are the following tartaric acids:

- DL tartaric acid (including DL-tartaric acid monohydrate and DL-tartaric acid anhydrous)
- L(+) tartaric acid (D-tartaric acid)
- D(-) tartaric acid (L-tartaric acid)
- Salts of tartaric acid (including Potassium sodium tartrate(Rochelle salt), Potassium bitartrate(cream of tartar), Antimony potassium tartrate(tartar emetic), Diammonium tartrate, Potassium tartrate, Sodium tartrate)

As the tartrates are not included in the present survey, we only summarize the situation of tartaric acid.

Table I-2.3-1 Production of tartaric acid in China

Type of tartaric producers	Number of producers*	Total capacity (MTs/a)	Prod. '03 (MTs)	Claimed export '03 (MTs)	Domestic sales '03 (MTs)	Made into tartrate
DL-tartaric acid	8	16,200	8,700	2,770	2,130	3,800
L(+) tartaric acid	8	12,950	5,800	3,827	1,973	0
D(-) tartaric acid	4	390	300	189	111	
<b>Total</b>	<b>15</b>	<b>29,540</b>	<b>14,800</b>	<b>6,786</b>	<b>4,214</b>	<b>3,800</b>

\*Note: Some companies produce more than one kind of tartaric acids.

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## 3.2 Summary of Import & Export Situation of Tartaric Acid in 2003

### I-3.2.1 Export Analysis in 2003

Table I-3.2.1-1 Active exporter of tartaric acid in 2003 (>50MTs)

No.	Exporter Name	Quantity (Unit: kg)	Value (Unit: USD)
1	CHANGMAO BIOLOGY CHEMICALS ENGINEERING STOCK CO LTD	1,975,925	3,798,471
2	Sinochem Jiangsu I/E Co., Ltd.	440,130	870,363
3	Ninghai Organic Chemical Factory	436,000	505,883
4	Hangzhou Bioking Biochemical Engineering Co. Ltd.	346,000	732,079
5	Sinochem Lianyungang I/E Co., Ltd.	240,000	248,191
6	Shanghai Quanlitai I/E Co., Ltd.	236,500	486,339
7	ZHEDA TECH & TRADING CO.	194,400	429,256
8	Qingdao Fuso Refining Processing Co., Ltd.	171,887	584,219
9	ANHUI TECHNOLOGY IMPORT AND EXPORT COMPANY LIMITED	167,000	160,470

10	XINJIANG NONGKEN I/E CO.,LTD.	163,000	230,012
11	Shanghai Guangdian (Group) Co., Ltd.	143,320	307,800
12	China Chemical Construction Shenzhen Corp.	110,000	119,180
13	ZHEJIANG CHEMICALS I/E CORP.	101,505	144,141
14	LIANYUNGANG YUNTAI FOREIGN TRADING CO LTD	90,100	173,555
15	SUZHOU TEXTILES SILK LIGHT INDUSTRIAL PRODUCTS ARTS AND CRAFTS IMPORT AND EXPORT CO., LTD.	90,000	105,705
16	ZHEJIANG TONGXIANG FOREIGN TRADE (GROUP) CO.,LTD.	85,000	147,045
17	ZHEJIANG PRODUCTS CHEMICAL INDUSTRY LIGHT INDUSTRY CO LTD	83,000	88,406
18	Hangzhou Lin'an Jinlong Chemical Co., Ltd.	83,000	73,700
19	HENAN YINKE CHEMICALS CO LTD	80,000	93,791
20	SHANXI PROVINCE YANGQUAN IMP & EXP CO	67,000	75,397
21	CHANGZHOU CHANG MAO BIOCHEMICAL ENGINEERING CO LTD	65,025	126,073
22	HEBEI PACKAGING IMP.& EXP. CO.	53,000	70,133
23	ANHUI PROVINCE HUAAN IMP & EXP CO LTD	52,005	57,755
24	Other 126 exporters	1,075,556	1,625,035
	<b>Total</b>	<b>6,549,353</b>	<b>11,253,001</b>

Table I-3.2.1-2 Export destination of tartaric acid in 2003 (>100MTs)

No.	Country	Quantity (Unit: kg)	Value (Unit: USD)
1	Germany	1,447,220	2,892,802
2	Netherlands	1,059,125	1,771,525
3	Australia	706,025	1,327,984
4	India	584,610	1,337,433
5	USA	543,696	616,226
6	Japan	348,973	960,397
7	S. Africa	244,800	256,122
8	Egypt	163,000	191,274
9	Spain	148,000	234,232
10	Taiwan	126,750	120,858
11	UK	126,200	141,858
12	Belgium	125,000	137,591
13	Pakistan	118,150	108,040
14	Turkey	111,000	107,450
	Other 47 countries	696,804	1,049,209
	<b>Total</b>	<b>6,549,353</b>	<b>11,253,001</b>

Table I-3.2.1-3 Export port of tartaric acid in 2003

No.	Port	Quantity (Unit: kg)	Value (Unit: USD)
1	Shanghai	4,990,836	8,484,840

2	Nanjing	706,686	1,277,002
3	Ningbo	455,725	532,824
4	Qingdao	201,097	616,523
5	Tianjin	138,925	159,495
6	Harbin	28,000	31,020
7	Huangpu	10,000	10,482
8	Hangzhou	5,080	60,495
9	Xiamen	3,700	29,166
10	Beijing	3,505	39,381
11	Dalian	3,025	3,791
12	Nanning	1,640	3,040
13	Guangzhou	1,113	4,695
14	Hohhot	20	244
15	Zhanjiang	1	2
	<b>Total</b>	<b>6,549,353</b>	<b>11,253,001</b>

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