

I-2 Price of myrcene in the past years

The price of myrcene is comprised of basic fees and raw materials' costs.

Basic fees include rare fluctuation. While as a pyrolysis product of β -pinene, the price of myrcene will change according to that of β -pinene. Usually price growth of β -pinene will drive the price of myrcene up. In other words, because of increased cost of raw material, there is without question myrcene producers will raise the price.

In 2005, the price of β -pinene went up fast and ultimately with double cost as that at the beginning of the year. Though the price of myrcene does not doubled as that of β -pinene, it reaches the peak at the beginning of June 2010 by USD [REDACTED]/t.

Table I-2.1 Price situation of myrcene in China, 2002~2009

Year	Price of myrcene, USD/t
2002~2003	[REDACTED]
2004~2006	[REDACTED]
2007	[REDACTED]
2008	[REDACTED]
2009	[REDACTED]

Source: CCM International

I-3 Supply of myrcene in China

According to the various sources as of 9 June 2010, there are [REDACTED] active producers of myrcene, [REDACTED] more than that in Jan. 2006. Among them, only Jiangxi Jishui Huakang Natural Perfume Chemical Plant is established in 2010.

In addition, except for Zhejiang Xinhua, Jiaxing Flavor and Jiangxi Huachen Aromatic Technology Inc., the other eight producers are engaged in production of pinene at the same time and their β -pinene products are basically taken as raw materials of their own myrcene production. Among them, there are six engaged in the production of GT.

Product info of these producers is listed in the following table.

Table I-3-1 Myrcene information of active producers, 2009

No.	English name	Location	Capacity'09 (t/a)	Output'09 (tonne)	Current price (USD/t)
1	Jiangxi Shuinan Natural Fragrance Factory	Jiangxi	[REDACTED]	[REDACTED]	[REDACTED]
2	Jiangxi Xinghua Natural Spice Co., Ltd.	Jiangxi	[REDACTED]	[REDACTED]	[REDACTED]
3	Xiamen Doingcom Chemical Company Limited	Fujian	[REDACTED]	[REDACTED]	[REDACTED]
4	Guangdong Songlin Perfume Co., Ltd.	Guangdong	[REDACTED]	[REDACTED]	[REDACTED]
5	Jiangxi Huachen Aromatic Technology Inc.	Jiangxi	[REDACTED]	[REDACTED]	[REDACTED]
6	Zhejiang Jiaxing Flavour Plant	Zhejiang	[REDACTED]	[REDACTED]	[REDACTED]
7	Jiangxi Huayu Aromatic Technology Inc.	Jiangxi	[REDACTED]	[REDACTED]	[REDACTED]
8	Zhejiang Xinhua Chemicals Co., Ltd.	Zhejiang	[REDACTED]	[REDACTED]	[REDACTED]
9	Guangdong Deqing Glorychem Co., Ltd.	Guangdong	[REDACTED]	[REDACTED]	[REDACTED]
10	Xinhui Overseas Chinese Industry Development Co., Ltd.	Guangdong	[REDACTED]	[REDACTED]	[REDACTED]
Total			[REDACTED]	[REDACTED]	—

Note: the current price refers to the quote at the beginning of June 2010

Source: CCM International

The table above shows that most of the active producers of myrcene are located in Jiangxi, Guangdong and Fujian for these provinces are producing regions of PE-based turpentine with high content of β -pinene.

Details information of producers has been recorded in this report in the separate part: [Myrcene producer profiles in China](#)

I-5 Consumption pattern of myrcene

I-5.1 Market size and market share of myrcene

In China, myrcene cannot be used directly. What's more, it cannot be stocked for a certain period even months, otherwise, it will turn to be terpene resin or be oxidated. Basically, all myrcene is used to synthesize flavours.

In 2009, domestic output of myrcene is █████ tonnes and export volume is estimated at █████ tonnes. No myrcene is imported in 2009. Therefore, the apparent consumption of myrcene reaches █████ tonnes in 2009. Consumption pattern of myrcene is analyzed based on the apparent consumption of 2009.

As known to the whole industry, not all derivatives we mentioned in this chapter can be made from myrcene. Indeed, even the same kind of derivatives can be produced directly from β -pinene, or from other chemical or natural materials. If the primary source is β -pinene, myrcene will appear as intermediate product and will not be separated during the process.

In this chapter, the market size and market share of myrcene in many derivatives mentioned are derivatives produced from myrcene directly, those made from β -pinene or other materials are not included.

As a crackate of β -pinene, application fields of myrcene are quite similar with those of β -pinene. Myrcene is mainly applied to producing ambrotone, citronellal, myracaldehyde, myrcenol, lylal and some other kinds of synthetic perfume.

In China, market of perfumes, especially popular perfumes vary year by year.

Table I-5.1-1 Market size and market share of myrcene in different derivatives, 2009

Derivatives	Market size		Market share	
	By consumption	By value (USD)	By consumption	By value
	volume (tonne)		volume	
Ambrotone	████	████	████	████
Citronellal	████	████	████	████
Myracaldehyde	████	████	████	████
Myrcenol	████	████	████	████
Lylal	████	████	████	████
Others	████	████	████	████
Total	████	████	████	████

Source: CCM International