

# Hangzhou AiBai Chemical Co.,Ltd

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## Material Safety Data Sheet

According to 91/155/EEC and ISO 11014-1

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1.	<b><u>Identification of substance and of the company</u></b>  Trade Name: PIGMENT YELLOW 13 Hangzhou AiBai Chemical Co.,Ltd Room 2316,Building 17 Kaiyuan California Sunshine Plaza Xiaoshan Hangzhou China TEL: +86-571-22673158 FAX: +86-571-83885208												
2.	<b><u>Composition/Data on components</u></b>  Substance: Pigment Yellow 13 CAS No: 5102-83-0 EEC Symbol: None R-Phrases: None												
3.	<b><u>Hazards identification</u></b>  No hazardous effects known The product is not a substance subject to mandatory marking in accordance with the EEC Directive 67/584/EEC Or amendments												
4.	<b><u>First Aid measures</u></b>  After inhalation: Supply fresh air. After eye contact: Flush with plenty of pressure water for 15 minutes, occasionally raising eye lids. After skin contact: Wash skin with mild soap and water.												
5.	<b><u>Fire fighting measures</u></b>  Suitable extinguishing media: no restriction Special hazards caused by the material, its combustion products or resultant gases: none Special personal protection equipment: none												
6.	<b><u>Accidental release</u></b>  Environmental protection conduct: Do not sweep or wash into public stretches of water, sewers or sites of unknown discharge paths. After spillage/leakage/gas/ leakage: Clean up immediately with wetting or absorbent material avoiding dusting.												
7.	<b><u>Handling and storage</u></b>  Handling: Usual precautions for nuisance dust should be observed. Protection against fire and explosion: The product is non-flammable Storage: Store in roofed places at room temperature Keep containers tightly sealed. Flammability Class: nor applicable.												
8.	<b><u>Exposure controls/personal protection</u></b>  Additional notes for design of plants equipment: No farther details, see sec7 Components with workplace-related limits to be monitored: <table><tr><th>Designation</th><th>%</th><th>Type of data</th><th>Unit</th></tr><tr><td>Nuisance dust</td><td>100</td><td>MAK</td><td>6 mg/m3</td></tr><tr><td></td><td></td><td>TLV/TWA(USA)</td><td>10 mg/m3</td></tr></table> Personal protection equipment: Respiratory protection: An appropriate dust fixer has to be used if a breathable dust liberated.	Designation	%	Type of data	Unit	Nuisance dust	100	MAK	6 mg/m3			TLV/TWA(USA)	10 mg/m3
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Nuisance dust	100	MAK	6 mg/m3										
		TLV/TWA(USA)	10 mg/m3										

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**Trade name:** PIGMENT YELLOW 13**9. Physical and chemical properties**

Appearance: yellow powder	Odor: mild
Melting point: 344 °C	Relative density: 1.2-1.45
Decomposition: None	Flammability: see 6 handling
Molecular formula: $C_{36}H_{34}Cl_2N_6O_4$	Molecular Weight: 686.5
Tinting strength: 95-105% of the standard	Volatile matter at 105°C: 2.5% max
Soluble matter in water: 1.5% max	Oil absorption: 45-55%
Fastness to light: 6	Fastness to heat (°C): 200
Bleeding resistance water: 5	Bleeding resistance linseed oil: 5
Bleeding resistance acid: 5	Bleeding resistance alkalis: 5
Bleeding resistance alcohol: 5	Bleeding resistance xylene: 4
Bleeding resistance ethyl acetate: 4	

**10. Stability and reactivity**

Hazardous decomposition products  
No decomposition at proper storage and application conditions

**11. Toxicological Information**

Because of experience with product mentioned, there are no recognizable hazards for human beings, if it is correctly used and applied.

**12. Ecological information**

Avoid filtration into water draining or soil.

**13. Disposal considerations**

Users should acquaint themselves with local regulations.  
Disposal is usually carried out by burying at an approved tip or by incineration by a licensed waste material processor; stack gases may need to be scrubbed (see section 5 above)

**14. Transport information**

No declaration for transport required.

**15. Regulatory information**

Classified according to the Directives 67/548/EEC, and their various amendments, and labeled as below:

Warning symbols:	None
Warning words:	None
Risk Phrases:	None
Safety Phrases:	None

**16. Other information**

Listed in EINECS and TSCA inventories.0  
Intended uses: Paints.  
References: -(1)Occupational Exposure Limits, EH/40(HSE)  
                  -(2)Deutsche Forschungsgemeinschaft MAK-& BAT-Values.  
                  -(3)A.C.D.Cowley, Polymers Paint Journal, August 7/21, 1985.