

Material SAFETY DATA SHEET
Pigment yellow 181

SECTION 1: Identification of the Substance / Mixture and of the Company / Undertaking

1.1 Product Identifier

Trade Name: Pigment yellow 181

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Organic pigment for industrial process

1.3 Details of the Supplier of the Safety Data Sheet

E-mail Address for a Competent Person: sds@synthesia.cz

Ecological and Toxicological Association of Dyes and Organic Pigments
Manufacturers (ETAD) Approved to the ISO 9001:2008, ISO 14001:2004, CSN
OHSAS 18001:2008

1.4 Emergency Telephone Number

Manufacturer:

Dongguan Baoxu Chemical Technology, Ltd.
Caijin Business Bldg DongGuan CN 523071
+86 0769 22821082 Fax 86 0769 22821083
www.additivesforpolymer.com
info@additivesforpolymer.com

SECTION 2: Hazards Identification

2.1 Classification of the Substance or Mixture

Based on the information available to the manufacturer/importer, this product does not meet criteria for the classification according to Regulation (EC) No 1272/2008.

2.2 Label Elements

The product is not subject to mandatory labelling according to Regulation (EC) No 1272/2008.

2.3 Other Hazards

Dust/air mixture can be explosive

SECTION 3: Composition / Information on Ingredients

3.1 Substances

3.2 Mixtures

Chemical name		
Index number CAS number EC number Registration number	Content [wt. %]	Classification according to Regulation (EC) 1272/2008
Pigment Yellow 181		
- 74441-05-7 277-873-1	> 97	

*The transition time according to REACH Regulation, Article 23 is still not expired.

At the recommended handling are not known any dangerous properties of product.

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

Do not breathe dust.

Avoid contact with skin and eyes.

In case of accident by inhalation: remove casualty to fresh air and keep at rest.

If you feel unwell, seek medical advice.

4.1.1 Inhalation

In case of accident by inhalation: Remove casualty to fresh air and keep at rest

4.1.2 Skin Contact

Avoid contact with skin. Wash the contaminated parts with plenty of water.

4.1.3 Eye Contact

Avoid contact with eyes. If eye contaminated, rinse it out with water, ask for medical help.

4.1.4 Ingestion

Do not induce vomiting!

If swallowed, rinse mouth with water (only if the person is conscious).

4.2 Most Important Symptoms and Effects, both Acute and Delayed

No information available.

SECTION 5: Firefighting Measures

5.1 Extinguishing Media

5.1.1 Suitable Extinguishing Media

Water-fog, dry chemicals, foam.

5.1.2 Unsuitable Extinguishing Media

Full water jet, CO₂.

5.2 Special Hazards Arising from the Substance / Mixture

When burning may produce oxides of carbon and nitrogen.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

6.1.1 For Non-emergency Personnel

In case of insufficient ventilation, wear suitable respiratory equipment.

6.1.2 For Emergency Responders

Use always personal protective equipment when removing of spilled material: goggles, gloves, respirator in case of dust scatter.

6.2 Environmental Precautions

Avoid release to the environment.

Avoid creating dusty conditions.

6.3 Methods and Material for Containment and Cleaning Up

Product sweep up and deposit in suitable containers for deposition. Rinse the rest away with water. Incineration, disposal, according local regulations.

6.4 Reference to Other Sections

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

Do not breathe dust.

Avoid contact with skin and eyes.

When using, do not eat, drink or smoke.

Avoid release to environment

7.2 Conditions for Safe Storage, including any Incompatibilities

Keep away from sources of ignitions. Do not smoke.

Product should be stored in original containers under normal conditions. Keep away from food, drink and animal feedstuffs.

Avoid creating dusty conditions.

7.3 Specific End Use(s)

SECTION 8: Exposure Controls / Personal Protection

8.1 Control Parameters Exposure Limit Values:

not determined

8.2 Exposure Controls

8.2.1 Appropriate Engineering Controls

Avoid inhalation of dust.

8.2.2 Individual Protection Measures, Personal Protective Equipment

All personal protective equipment must be kept in usable condition. Damaged or contaminated equipment must be immediately replaced.

Respiratory Protection: respirator or half mask with dust filter

Hand Protection: Protective gloves.

Eye / Face Protection: protective goggles Skin Protection: Protective suit

8.2.3 Environmental Exposure Controls

Do not empty into drains.

8.3 Other Information

This product is classified as non-hazardous. However the usual precautions for handling chemicals must be observed to avoid contact with the skin, eyes and respiratory tract.

When using do not eat, drink, or smoke.

SECTION 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance:	yellow powder
Odour:	odourless
Odour Threshold Value:	not available
pH:	7 - 9 20 °C 5 g/l H ₂ O
Melting Point / Freezing Point:	not available
Boiling Point (Range):	not available
Flash Point:	not available
Evaporation Rate:	not available
Flammability (Solid, Gas):	Like other organic dust can combine with air form explosive
Upper Flammability / Explosive Limits:	not available
Lower Flammability / Explosive Limits:	not available
Vapour Pressure:	not available
Vapour Density:	not available
Relative Density:	not available
Solubility:	not available
Water Solubility:	insoluble
Partition Coefficient n-octanol/water:	not available
Autoignition Temperature:	not available
Decomposition Temperature:	not available
Viscosity:	not available
Explosive Properties:	not available
Oxidising Properties:	not available

9.2 Other Information

no information available

SECTION 10: Stability and Reactivity

10.1 Reactivity

Under normal conditions. the product

10.2 Chemical Stability

This product is stable under normal storage conditions

10.3 Possibility of Hazardous Reactions

See information in sections 2 and 9.

10.4 Conditions to Avoid

10.5 Incompatible Materials

Oxidizing and reduction agents.

10.6 Hazardous Decomposition Products

Burning can produce oxides of carbon and nitrogen

10.7 Other Information

None.

SECTION 11: Toxicological Information**11.1 Information on Toxicological Effects****Acute Toxicity:**

LD₅₀, Oral, Rat (mg/kg): no data available

LD₅₀, Skin, Rat or Rabbit (mg/kg): no data available

LC₅₀, Inhalation, Rat (aerosol or particle) 3 no data available

Skin Corrosion / Irritation:

no data available

Serious Eye Damage / Irritation:

no data available

Respiratory or Skin Sensitisation:

no data available

Germ Cell Mutagenicity:

no data available

Carcinogenicity:

no data available

Reproductive Toxicity:

no data available

STOT - Single Exposure:

no data available

STOT - Repeated Exposure:

no data available

Aspiration Hazard:

no data available

11.2 Potential Adverse Health Effects / Symptoms

Other data not available.

SECTION 12: Ecological Information**12.1 Toxicity****12.1.1 Acute Aquatic Toxicity**

LC₅₀ 96 h Fish (mg/l): no data available

EC₅₀, 48 h, Crustacea (mg/l): no data available IC₅₀, 72 h,
Algae (mg/l): no data available

12.1.2 Chronic Aquatic Toxicity

no data available

12.1.3 Toxicity for Other Environment

no data available

12.2 Persistence and Degradability

(BOD5:COD).100

DEGREE OF ELIMINATION: <10%

COD: no data available BOD5: no data are available

12.3 Bioaccumulative Potential

no data available

12.4 Mobility in Soil

no data available

12.5 Results of PBT and vPvB Assessment

no data available

12.6 Other Adverse Effects

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

13.1.1 Disposal Methods of the Substance / Mixture

Incineration, disposal, according local regulations.

Residues as well as rinse water must not be discharged into the ground, public sewers, or near water sources and streams.

13.1.2 Disposal Methods of the Contaminated Packaging

SECTION 14: Transport Information

No Dangerous Goods

SECTION 15: Regulatory Information

15.1 Safety, Health and Environmental Regulations / Legislation Specific for the Substance or Mixture

Regulation (EC) No. 1907/2006 Regulation (EC) No. 1272/2008

WGK 1: slightly water endangering (Classification from manufacturer)

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: Other Information

Reason for Alteration:

General update.

List of Abbreviations:

CAS - Chemical Abstracts Service

EC number - EINECS (European Inventory of Existing Commercial Chemical Substance), ELINCS (European List of Notified Chemical Substances) or NLP (No-Longer-Polymers)

LD50 - lethal dose, 50%

LC50 - lethal concentration, 50%

EC50 - effective concentration, 50%

IC50 - inhibitory concentration, 50%

PBT - persistent, bioaccumulative and toxic

vPvB - very persistent and very bioaccumulative

BCF - bioconcentration factor

COD - chemical oxygen demand

BOD - biological oxygen demand

DNEL - derived no-effect level

PNEC - predicted no-effect concentration

NOAEL - no observed adverse effect level

NOAEC - no observed adverse effect concentration

NOEC - no observed effect concentration

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road

RID - Regulations concerning the International Carriage of Dangerous Goods by Rail

IMDG - International Maritime Dangerous Goods

ICAO - International Civil Aviation Organisation

IATA - International Air Transport Association

Sources of Key Data Used to Compile the Safety Data Sheet:

National legislation, chemical databases and tables.

Relevant Information for Classification and Labelling of the Product:

ECHA - notified classification and labelling.

Training Advice:

In compliance with material safety data sheet.

The above information corresponds to the current level of our knowledge and experience. The data merely describe the product with respect to safety and cannot be construed as guaranteed parameters. The user is responsible for handling in compliance with the existing laws and regulations.