



## Safety Data Sheet

According to (EC) No 1907/2006 ,Article 31(REACH), (EC) No 1272/2008 (CLP)

**Product Name: Pigment Yellow 12**

REACH Status:Pre Registered

### 1. Identification of the substance/preparation and of the company

#### 1.1 Identification of the substance

**Name:** Pigment Yellow 12

**Product code:** SO-IN 1007

C.I.No.: 21090

CAS. No.: 6358-85-6

Chemical Class: Diarylide Yellow

EINECS No. 228-787-8

#### 1.2 Company Identification

Solar Impex Inc  
19307 Maifest Drive Cypress, Texas  
77433-5234, United States  
E-Mail:info@solarimpex.com  
Website:[www.solarimpex.com](http://www.solarimpex.com)

**1.3 Emergency telephone:** available only during office hours

Tel.: +1 (832) -6400809

#### 1.4 Use of the substance

Coloring component for Ink.

### 2. Hazards identification

This product does not require labelling in sense of the preparation guideline 1999/45/EC.

### 3. Composition / information on ingredients

#### 3.1 Composition

Tetrazotized 3,3 dischlorobenzidine coupled with acetoacetanilide.

#### 3.2 Hazardous ingredients

None for substances with exposure limits see ch. 8

### 4. First aid measures

**In case of inhalation:** Provide fresh air. Consult physician if problems arise.

**In case of skin contact:** Remove contaminated, saturated clothing immediately. Wash immediately with: Water and soap.

**In case of eye contact:** In case of contact with eyes, rinse immediately thoroughly with plenty of water and consult an ophthalmologist.

**In case of ingestion:** Rinse mouth thoroughly with water Consult physician.

## **5. Fire-fighting measures**

**5.1 Suitable extinguishing media:** Water mist, foam, extinguishing dry chemical recommended

**5.2 Extinguishing media that must not be used for safety reasons:** Full water jet, CO2

**5.3 Special hazards from the substance itself, its combustion products or from its vapors:**

As pigment is nonflammable there is no special fire hazard

**5.4 Special protective equipment for firefighters**

Use self-contained breathing devices

To employ extinguishing techniques that do not create dusts or are otherwise appropriate to the fire conditions

**5.5 Special exposure hazards:** Contaminated firefighting water must not be discharged into the drainage system.

## **6. Accidental release measures**

**6.1 Personal precautions:** Use suitable hand gloves; avoid making dust; avoid contacting with skin and eyes by wearing an approved dust mask

**6.2 General precaution:** Wash thoroughly after contact with pigments

**6.3 Environmental precautions:** Do not allow to enter drains/surface water/ground-water.

**6.4 Methods for cleaning up**

Collect mechanically

Dispose of contaminated material as waste according to item 13

Avoid dust explosion by eliminating dust formation & electrical charging

Spread absorbent material; collect into suitable container for disposal.

Waste disposal methods should comply with methods set forth by local/state/federal authorities

## **7. Handling and storage**

**7.1. Handling:**

Advice on safe handling: Avoid: Generation of dust.

**7.2 Storage:**

Advice on safe handling: Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Precautions against fire and Keep away from: Heating. Keep away from sources of ignition explosion: No smoking.

## **8. Exposure controls / personal protection**

**Respiratory protection:** Filtering mask P.

**Hand protection:** Use impervious/antistatic/PVC/PE gloves

**Eye protection:** Eye glasses with side protection type 4 (EN 166).

**Protective clothing:** Working clothes protecting the whole body.

## 9. Physical and chemical properties

<b>Form:</b>	Powder
<b>Color:</b>	Yellow
<b>Odor:</b>	Odorless
<b>PH value:</b>	5.0 – 8.5
<b>Melting point/ Melting range:</b>	317-322 °C
<b>Flash point:</b>	Not applicable
<b>Flammability:</b>	Non-flammable
<b>Ignition temperature:</b>	Not applicable
<b>Danger of explosion:</b>	Product is not explosive. Dust can form an explosive mixture with air
<b>Density:</b>	25 – 40 gm/ml
<b>Solubility in water:</b>	Insoluble
<b>Vapour Pressure:</b>	Not applicable
<b>Octanol/Water partition</b>	
<b>Coefficient (Log Pow):</b>	Not determined

## 10. Stability and reactivity

### Stability:

This product is stable under normal storage conditions.

### Hazardous reaction

Risk of dust explosion  
No dangerous reactions known

### Hazardous decomposition products

No dangerous decomposition products are known if handled & stored appropriately

### Conditions to avoid

Temperature exceeding thermal stability  
High concentration of powders  
Electrostatic charges

### Materials to avoid

Very strong oxidizing and reducing agents

## 11. Toxicological information

### Acute oral toxicity

LD<sub>50</sub> > 5000 mg/Kg (rat)

### Irritant effect on skin

Non-irritant (rabbit)

### Irritant effect on eyes

Non-irritant (rabbit)

### Sensitization

No sensitization effect known

### Remark

The information in this section are derived from sources considered reliable & products of similar composition

## 12. Ecological information

### 12.7 Other adverse effects

Handled in such a way that it will not contaminate the environment

Insoluble in water. Based on data from similar products it is not expected to pose a hazard to the environment.

## 13. Disposal considerations

### Product

Material is not considered as dangerous however it should be taken to a suitable & authorized waste disposal site in accordance with relevant regulations. In general the product is dusty, and as long as it has not been adequately wetted, it should be packed in well-closed containers for removal.

### Empty uncleaned packaging

To be disposed off as product waste

## 14. Transport information

Not classified as dangerous goods according to ADR/RID/IATA/IMDG

Custom tariff no.: 320417 19

## 15. Regulatory information

### Labelling

The product has not to be labeled according to guideline 67/548/EEC & (EC) No 1272/2008 (CLP)

### Designation according to EC guidelines

Not required

### Water hazard class

Not hazardous – class 0 (self-assessment)

EINECS No.: 228-787-8

## 16. Other information

These data are based on our present knowledge, & are intended to describe the product with regard to the safety requirements. The data shall not constitute a guarantee of a particular or general specification nor shall it establish a legally valid contractual relationship. It will be a sole responsibility of the user of the product to ensure the suitability of the product intended for the purpose & method of use. We take no responsibility for any harm caused by the use of these data.

