



## Safety Data Sheet

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

Date :15.12.2010

Revision:00

**Product Name: Pigment Yellow 155**

REACH Status: Pre-Registered

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

#### 1.1 Identification of the substance

**Name:** Pigment Yellow 155

**Product code:** PRIN1042

C.I.No.: 200 310

CAS No.: 68516-73-4

Chemical Class: Bisacetoacetarylide

EINECS No. 271-176-6

#### 1.2 Company Identification

Prasad International Limited  
601-602, Surya Rath, Panchvati, 1st. Lane,  
Opp. White House, Ambawadi,  
Ahmedabad-380 006, Gujarat State, India  
E-Mail: info@prasadinternational.com  
Website: www.prasadinternational.com

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

Tel.: + 91 79 26422349 / 26425650

Fax: + 91 79 26562870

#### 1.4 Use of the substance

Colouring component for Inks.

### 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

Diazotized 2-amino dimethyl terephthalate coupled with 1-4-bis (aceto acetyl amino) benzene.

#### 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**

Appearance (20 dc) : powder  
Colour: Yellow  
Odour: Odorless  
PH Value : 6 - 8 at 20 dc 10g/l H<sub>2</sub>O  
Melting Point/Range: n.a  
Boiling point/Range: n.a.  
Flash point: n.a.  
Flammability: avoid dusting, dust explosion risk  
Autoignition temperature: n.e.  
Explosive limits: n.e.  
Oxidizing properties: n.e.  
Density: n.e.  
Vapour pressure: n.e.  
Vapor Density: n.e.  
Evaporation rate: n.e.  
Solubility in water: insoluble  
Partition coefficient n-octanol/water: n.e.  
Viscosity: n.a.

## **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 toxicity:**

-LD<sub>50</sub>; oral, Rat (mg/kg) : > 15,000  
-LD<sub>50</sub>; skin, Rat (mg/kg): n.e.  
-LC<sub>50</sub>, Inhalation, Rat, Aerosol of particle (mr/l):n.e.

Sub acute-chronic toxicity, rat: n.e.

Sensitization: n.e.

Carcinogenicity: n.e.

Mutagenicity: n.e.

Reproductive Toxicity: n.e.

Experiences with human beings: n.e.

Experiments upon Animals: Skin irritation/rabbit: non irritant  
Eyes irritation/rabbit: non irritant

**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)

### **Registration status:**

EINECS No.271-176-6, ENCS No.3-3590, ECL Serial No. 98-3-988, TSCA, DSL, AICS, PICCS, ASIA-PAC

## **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.