



Safety Data Sheet

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

Product Name: Pigment Yellow 83

REACH Status: Pre-Registered

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

1.1 Identification of the substance

Name: Pigment Yellow 83

Product code: SO-IN 1015T

C.I.No.: 21 108

CAS No.: 5567-15-7

Chemical Class: Diarylide Yellow

EINECS No. 226-939-8

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

1.3 Emergency telephone: available only during office hours

Tel.: +1 (832) -6400809

1.4 Use of the substance

Coloring 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

Tetrazotized 3 3 dischlorobenzidine coupled with 4 chloro 2 5 dimethoxyacetanilide.

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

Form:	Powder
Color:	Bright Reddish Yellow
Odor:	Odorless
PH value:	4.4 – 6.9
Melting point/ Melting range:	380 - 420 °C
Flash point:	Not applicable
Flammability:	Non-flammable
Ignition temperature:	Not applicable
Danger of explosion:	Product is not explosive. Dust can form an explosive mixture with air
Density:	25 – 40 gm/ml
Solubility in water:	Insoluble
Vapour Pressure:	Not applicable
Octanol/Water partition Coefficient (Log Pow):	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

LD₅₀ > 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 require

Water hazard class

Not hazardous – class 0 (self-assessment)

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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.