



## PHOENIX COLOURS

Manufacturer & Exporter of Dyestuffs,  
Pigments & Intermediates

C-613, Swaminarayan Nagar, Next to COD.,  
Datta Mandir Rd., Malad East, Mumbai 400 097.  
MAHARASHTRA (INDIA)

Tel.: 91 98191 99181 / 91 97681 27681

Email: info@phoenixcolours.com

URL: www.phoenixcolours.com

## MATERIAL SAFETY DATA SHEET

### ACID YELLOW 79

#### **Section 1 Chemical Product and Company Identification**

MSDS Name: Acid Yellow 79  
Company Name: M/s. Phoenix Colours  
C-613, Swaminarayan nagar, Datta Mandir road, Next to COD, Malad: East, Mumbai: 400097  
Maharashtra ( INDIA ) Tel.: 91 98191 99181 / 91 97681 27681

#### **Section 2 - Composition, Information on Ingredients**

CAS No.: 12220-70-1      Chemical Class: Double Azo  
Commercial Name: Acid Milling Yellow 4GL      HS Code : 32041211  
Use: Wool, Polyamide fiber, Blend Fabric, Leather & Ink etc.

#### **Section 3 : Physical and Chemical Properties**

Molecular formula: C<sub>47</sub>H<sub>40</sub>N<sub>10</sub>Na<sub>2</sub>O<sub>12</sub>S<sub>4</sub>  
Molecular weight: 1111.12  
Physical State: Dull Yellowish Orange Powder  
Odor: Odorless  
Solubility: Water soluble  
Fastness properties: Good ( Light, Washing, Perspiration)

#### **Section 4 - Hazards Identification**

Hazardous Reactions: No  
Hazardous Decomposition Product: Not Established .  
NONE AS PER 29 CFR PART 1910/200 (OSHA HAZARD COMMUNICATION STD.)

#### **Section 5 - Stability and Reactivity**

Reactivity Data: This material is stable under condition of normal handling and use, but sensitive to moist air.  
Chemical In Compatibility: Strong Reducing Agents, Decolorizing Agents, strong Acids & Alkalis  
Condition To Avoid: (I) Heating To High Temperature  
(II) Storage under damp atmosphere

#### **Section 6 - Handling and Storage**

Handling: Avoid formation of dust  
Storage: Keep in closed container at ambient temperature & humidity  
Do Not Store Together: Store Colour wise

#### **Section 7 - Exposure Controls, Personal Protection**

Respirator Protection: May be used (In case dust formation particle filter e.g. DIN 3181-21 may be )  
Ventilation: Local ventilation capable of minimizing dust emission at the point of use  
Eye Protection: Protective glasses may be used  
Hand Protection: Rubber gloves may be used wash the hands before and at the end of work with water, soap.



## PHOENIX COLOURS

Manufacturer & Exporter of Dyestuffs,  
Pigments & Intermediates

C-613, Swaminarayan Nagar, Next to COD.,  
Datta Mandir Rd., Malad East, Mumbai 400 097.  
MAHARASHTRA (INDIA)

Tel.: 91 98191 99181 / 91 97681 27681

Email: info@phoenixcolours.com

URL: www.phoenixcolours.com

### Section 8 - First Aid Measures

Eye Contact:	Wash eyes with plenty of water for at least 15 minute
Skin Contact:	Wash with plenty of water for at least 15 minute
After Spillage:	Sweep up spilled substance carefully, and then clean with water
Absorbent Material:	Use clean cotton cloths
Water Hazard:	Being an edible dye, not established

### Section 9 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

### Section 10 - Stability and Reactivity

Stable under normal conditions. Hazardous Polymerization will not occur. Hazardous decomposition products are none  
Materials to avoid : Strong oxidizing agents

### Section 11 - Toxicological Information

Toxicological:	Based upon industry-wide experience and published toxicological studies, S.O.Dyes (A.D.Dyes ) in general are considered to be practically NON- TOXIC Effect of exposure : Acute Toxicity : Oral Rat LD50> 5000mg/kg
Primary Irritation:	Skin (Rabbit- Non irritant ), Eye ( Non Irritant – Rabbit ).

### Section 12 - Ecological Information

Environmental:	This substance has low mobility in soil and is not expected to volatilize from moist soil surfaces. May bioconcentrate in aquatic organisms and may absorb to suspended soils and sediment in the water. Avoid infiltration in to waste water draining or soil.
Degree of Elimination:	( BOD5 : COD ) x 100. 10 to 25%
Ecotoxic Effects:	Fish Toxicity LC50. 50mg/ltr. 76hours

### Section 13 - Water Hazard

Consult a local expert for advice on the disposal of this material. Ensure that disposal is in compliance with local, State or national regulations.

### Section 14 - Transport Information

Shipping Name: Not regulated as a hazardous material ( Acid Yellow 79 , Acid Milling Yellow 4GL Synthetic Organic Dyes )  
Hazard Class: NON HAZARDOUS ( Road / Air / Sea ) ( FREE – NOT APPLICABLE )  
UN Number ADR / RID : Free / UN Number ICAO : Free / UN Number IMO : Free

### Section 15 - Regulatory Information

If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

### Section 16 - Other Information

This product should be stored, handled and used in accordance with good industrial hygienic practices and in conformity with any legal regulation. R42/43 may cause sensitization by inhalation and skin contact. S22 do not breathe dust. S24/25 avoid contact with skin & eyes. S37/39 wear suitable gloves and eye / face protection. S45 in case of accident or if feel unwell, seek medical advise immediately