



Vilma Permanent Red 2BS

1. Identification of the substance / preparation and company

Trade name: **Vilma Permanent Red 2BS**

Use of the substance/preparation: Industry Sector: ink, paint, plastic and printing textiles
Type of Use: Coloring

Company : Vilmax S.A.
Santiago del Estero 366.
C1075AAH Buenos Aires. Argentina

Emergency information: Tel. : (54)(3327)-455700/455707
Fax : (54)(3327)-455709
Alternative: (54)(3327)-455711
E-mail: vx@vilmax.com.ar

2. Composition / information on ingredients

CAS: 7023-61-2 EINECS: 230-303-5
COLOUR INDEX Pigment Red 48:2 C.I. 15865:2

Content: This product is a pure pigment.

3. Possible hazards

Critical hazards to man and the environment: No hazard identified from available data.

You can easily verify if you need an update of this document at www.vilmax.com.ar

Pag. 1 of 7



VILMAX S.A.
Santiago del Estero 366
C1075 AAH Buenos Aires – Argentina
Fax: 54 3327 455709
Te: 54 3327 455700 / 707
E-mail: vx@vilmax.com.ar

Vilma Permanent Red 2BS

4. First aid measures

General advise: Considered non toxic.

If inhaled: Remove to fresh air.

On skin contact: Wash with soap and water.

On contact with eyes: Flush with water for 10 min.

On ingestion: No hazard identified from available data.

Note to physician: Treat symptomatically

5. Fire fighting measures

Suitable extinguishing media: any conventional means, including water.

Unsuitable extinguishing media for safety reasons: none

Special protective equipment: none

Further information: there is no possibility of explosion or autoignition

6. Accidental release measures

Personal precautions: Avoid ingestion and respiratory tract absorption. Keep clean personal equipment.

Environmental precautions: Local ventilation.

Methods for cleaning up: Take up mechanically, fill into labelled, closable containers

Vilma Permanent Red 2BS**7. Handling and storage**

Handling: Considered non toxic. Avoid direct contact with skin and eyes. If manipulation produces excessive dustiness, wear a respirator or mouth filter, and simple protective eyeglasses..

Handle with good industrial practices. See for example the ETAD publication "Guidelines for Safe Handling of Dyes".

Protection against fire and explosion: see Section 5.

Storage: The product is stable and no decomposition will take place under normal storage conditions

8. Exposure controls and personal protection

Additional information on the lay-out of technical plant (see7)

Components with workplace control parameters: none.

Personal protective equipment

Respiratory protection: Wear an approved dust respirator

Hand and body protection: Wear gloves. Avoid direct contact with skin.

Eye protection: Wear safety glasses.

General safety and hygiene measures: Recommended decontamination facilities: eye bath, washing facilities.

Vilma Permanent Red 2BS**9. Physical and chemical properties**

Form:	solid
Colour:	a) powder: red
	b) 1% water solution: not applicable
Odour:	none
Change in physical state	
Melting point/melting range:	not applicable
Boiling point/boiling range:	not applicable
Flash point:	not applicable
Combustibility:	not applicable
Explosion limits:	not applicable
Ignition temperature:	not applicable
Self-ignition temperature:	not applicable
Self-ignition:	not applicable
Explosion hazard:	not applicable
Fire promoting properties:	not applicable
Vapour pressure:	not applicable
Density:	not applicable
Bulk density:	200 - 240 kg/m ³
Solubility in water:	insoluble
Solubility in other solvents:	Slightly soluble in DMF, DMSO, pyridin. Insoluble in alcohols, ketones, hydrocarbons, esters.
pH value:	6,0 - 8,0 (10% slurry, 20° C)
Octanol/water partition coefficient (log. POW):	not available
Viscosity:	not applicable
Other information:	

Vilma Permanent Red 2BS**10. Stability and reactivity**

Conditions to avoid: The product is stable

Substances to avoid: Strong reducing or oxidizing agents destroy the dye.

Hazardous reactions: When handled and stored appropriately, no dangerous reactions are known.

Hazardous decomposition products: When used and handled as intended, none.

11. Toxicological informationAcute toxicity

LD50/oral/rat: over 2000 mg/kg

LC50/inhal./rat: No available data.

Primary skin irritation/rabbit/: No

Primary mucous membrane irritation/rabbits' eyes: No

Sensitizing: No

Other information: Considered non toxic

Subacute-chronic toxicity:None.

Experiences in humans: No data available

Additional information: See Section 3.

12. Ecological information

Estimated environmental impact of this material: It has a low biochemical oxygen demand, a low potential to affect some aquatic organisms, a low potential to bioconcentrate. The direct instantaneous discharge to a receiving body of water of an amount of this chemical, which will rapidly dilute, is not expected to cause adverse environmental effects.

Ecotoxic effects

Acute fish toxicity: 96 h- LC-50 (Brachydanio rerio) > 100 mg/Lt

Further ecological information

COD-Value (g oxygen/ g): < 1.74

AOX (% organic halide): 7.69

Vilma Permanent Red 2BS**13. Disposal considerations**

Product : Of the methods of disposal currently available, it is recommended that an alternative be selected according to the following order of preference, based on environmental acceptability:

- a) Recycle or rework if at all feasible,
- b) Incinerate at an authorized facility, or,
- c) Treat at an acceptable waste treatment facility.

Contaminated packaging: Incinerate or treat at an acceptable waste treatment facility.

14. Transport informationSea transport

IMDG/GGVSee : NOT CLASSIFIED.

Proper technical name: pigment, solid

Remarks: Keep away from food

Air transport

ICAO/IATA :NOT CLASSIFIED.

Proper technical name: pigment, solid

Remarks: Keep away from food

15. Regulatory informationLabelling according to EEC Directives

Non hazardous chemical, no special labelling is required.

Vilma Permanent Red 2BS**16. Other information**

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.

The information given and the recommendations made herein apply to our product alone and not combined with other products. Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchaser's responsibility before using any product to verify these data under their own operating conditions and to determine if the product is suitable for their purposes
