

# KRIVA CHEMICALS LLP

REGD ADD : C-1/ 257/2, G. I. D. C. Estate, Phase-II, Vatva, Ahmedabad – 382445 Gujarat, India.

Ph No: 9687605940 Email: [info@krivachemicals.com](mailto:info@krivachemicals.com)

## MATERIAL SAFETY DATA SHEET

### SYNTHETIC ORGANIC DYES

You can easily verify if you need an update of this document at

KRIVA CHEMICALS LLP  
C-1/ 257/2, G. I. D. C. Estate,  
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Gujarat, India

Tel: - 91 9687605940 Website: - [www.krivachemicals.com](http://www.krivachemicals.com)

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1. Identification of the substance / preparation and company

Trade name:

### SYNTHETIC ORGANIC DYES

Use of the substance/preparation:

Industry Sector: Textile, Leather, Food

Type of Use: Textile/Leather Industries, Food etc.

Company: Kriva Chemicals LLP C-1/ 257/2, G. I. D. C. Estate, Phase-2, Vatva, Ahmedabad- 382 445 Gujarat, India

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2. Composition / information on ingredients

COLOUR INDEX ACID RED 52 400%, DIRECT BLACK 22, ACID RED 1, PONCEAU 4R, SOLVENT BLUE 36, SOLVENT RED 24, SOLVENT YELLOW 14,

ACID BLUE 9, ACID VIOLET 17

CAS NUMBER: - 3520-42-1, 6473-13-8, 3734-67-6, 2611-82-7, 14233-37-5, 85-83-6, 842-07-9, 3844-45-9, 4129-84-4

3. Possible hazards

May cause eye and skin irritation. May cause respiratory and digestive tract irritation. The toxicological properties of this material have not been fully investigated.

Target Organs: None.

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation.

Ingestion: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic: No information found.

4. First aid measures

General advice: Considered non toxic.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

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 auto ignition

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 labeled, closable containers

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

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.

9. Physical and chemical properties

Form: Solid

Colour: MIX a) Powder

b) 1% water solution: MIX

Odour: None

Change in physical state

Melting point/melting range:

Boiling point/boiling range:

Flash point:

Combustibility:

Explosion limits:

Ignition temperature:

Self-ignition temperature:

Self-ignition:

Explosion hazard:

470 C

Not applicable

Not applicable

Not applicable

Not applicable

Not applicable

Not applicable

Not applicable

Not applicable

For, KRIVA CHEMICALS LLP

DESIGNATED PARTNER



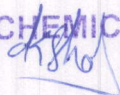
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Fire promoting properties:	Not applicable
Vapour pressure:	Not applicable
Density:	Not applicable
Bulk density:	450 - 500 kg/m <sup>3</sup>
Solubility in water:	85 g/l (80 C)
Solubility in other solvents:	Slightly soluble in DMF, DMSO, pyridine. Insoluble in alcohols, ketones, hydrocarbons, esters.
pH value:	7.0 - 8.0 (at 10 g/l, 20° C)
Octanol/water partition	Not available
Coefficient (log. POW):	Not applicable
Viscosity:	7 to 8 years
Decomposition time	
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 information	
<u>Acute toxicity</u>	
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
Sub acute-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 low biochemical oxygen demand, a low potential to affect some aquatic organisms, a low potential to bio concentrate. 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.
<u>Eco toxic effects</u>	
Acute fish toxicity:	96 h- LC-50 ( Brachydanio rerio) > 100 mg/Lt
<u>Further ecological information</u>	
COD-Value (g oxygen/ g):	< 1.76
AOX (% organic halide):	0.00
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 information	
<u>Sea transport</u>	
IMDG/GGVSee:	NOT CLASSIFIED.
Proper technical name: dye, solid	
Remarks:	Keep away from food
<u>Air transport</u>	
ICAO/IATA:	NOT CLASSIFIED.
Proper technical name: dye, solid	
Remarks:	Keep away from food
15. Regulatory information	
<u>Labeling according to EEC Directives</u>	
Non hazardous chemical, no special labeling is required.	
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 purchasers' 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.	

For, KRIVA CHEMICALS LLP



DESIGNATED PARTNER