



MATERIAL SAFETY DATA SHEET

Tata Blue

1. Commercial Product Name : Tata Blue
Chemical Type : Organic Pigment
Physical Form : Dry Powder
2. Product Identification : C.I. Pigment Blue 15:1 C.I. No. 74160
CAS No. : 147-14-8 + 42739-64-0
Formula : $C_{32}H_{16}CuN_8$
Molecular Weight : 576-610
: AND EXTENDER
3. Hazard Identification : When the pigment is involved in fire, it may burn & noxious fumes including oxides of nitrogen & carbon may be evolved.
4. First aid measures :
Inhalation : If inhaled, move to fresh air. Aid in breathing, if necessary, and get medical attention.
Eyes : Flush eye with flowing water. If irritation develops, consult a doctor.
Skin :
: Wash affected skin with soap and water.
Ingestion : If swallowed, dilute with water and induce vomiting. Get immediate medical attention.
5. Fire fighting measures :
- Suitable extinguishing media : Water spray, Foam
- Unsuitable extinguishing media : CO₂
- During fire, gases of CO, CO₂, NO_x and other toxic compounds may evolve
- Self-contained breathing apparatus for fighters
6. Accidental release measures :
- Personal precautions : Clean up with the appropriate personal equipment (see section 8)
- Environmental precautions : Scoop or sweep & transfer into a closed container. Keep waste out of
- Method for cleaning up : sewers.
Scoop or sweep into a container for reuse or disposal
7. Handling and storage :
A moderately dry, well-ventilated area is considered adequate for handling and storage. Use proper personal equipment (see section 8). Direct sources of heat must be avoided.
8. Exposure control / personal protection :
- Respiratory protection : Local exhaust ventilation, Air-purifying respirator
- Hand protection : Gloves
- Eye protection : Goggles
- Skin protection : Impervious clothing
9. Physical & Chemical properties :
* Appearance : Blue powder * Flammability : None
* Odour : None * Auto flammability : None
* pH : 5-8 (at 10gr/250ml * Explosive properties : None
H₂O)

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* Boiling point	:	Not applicable	* Oxidizing properties	:	None		
* Melting point	:	480°C	* Vapour pressure	:	Not applicable		
* Flash point	:	Not applicable	* Relative density	:	1.5		
* Solubility – water	:	Insoluble in water	* Solubility – fat	:	Insoluble in fat		
* Partition coefficient (n-octanol/water)	:	No data available					
* Other data	:	None					
10. Stability and reactivity	:	This product is stable and hazardous polymerization will not occur					
11. Toxicological information	:	Acute oral toxicity : LD50 (rat) > 5,000 mg/kg					
12. Ecological information	:	Since this pigment is generally insoluble in organic solvents, it is believed not to create any significant problems when released in to the environment.					
13. Disposal considerations	:	Consult a local expert for advice on the disposal of this material. Ensure that disposal is in compliance with local, national regulations.					
14. Transport information	:	GGV IMDG CODE	:	None	; UN No.	:	None
		ICAO / IATA – DGR	:	None	; RID / ADR	:	None
15. Regulatory Information	:	For any information on regulatory standard please contact us.					
16. Other Information	:						

We have described our products concerning possible safety requirements by the above mentioned information given to the best of our knowledge and experience. All data given are never meant to guarantee any quality descriptions nor product properties.