

MATERIAL SAFETY DATA SHEET**1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name	: Beta Blue (Copper Phthalocyanine Beta Blue)
Manufacturer	: Mamta Industries C1B-2437, 3rd Phase, G.I.D.C, Vapi - 396195, Gujarat, India Tel: +91-260-2428930 Mobile: +91-9979889587 / 9979889584 Email: mamtaind20@gmail.com / info@mamtaindustries.co.in Website: www.mamtaindustries.co.in

2 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name or Generic	: Beta Blue 15.3
CAS No.	: 147-14-8
Chemical Formula	: $C_{32}H_{16}N_8CU$
Company Grades	: Beta Blue SVR / Beta Blue SNC / Beta Blue SP

3 HAZARD IDENTIFICATION

EYE	: None
Skin	: None
Ingestion	: None
Inhalation	: None
Chronic	: None

4 FIRST AID MEASURES

Ingestion	: Call a Doctor in case of doubt or if symptoms persist
Skin Contact	: Wash in soap and water and rinse with water
Eye Contact	: Wash immediately (15 min) with water, opening eyelids If irritation continues, see an Ophthalmologist.

5 FIRE FIGHTING MEASURES

Extinguishing Media	: Pulverized water, Carbon dioxide, Foam.
Specific Hazards	: In case of Fire and / or explosion do not breathe fumes.
Protective Equipment	: Wear in individual breathing apparatus.

MATERIAL SAFETY DATA SHEET**6 ACCIDENTAL RELEASE MEASURES**

Personal Precautions	: Wear protective equipment
Environmental Precautions	: Discharge in sewer prohibited
Method of cleaning up	: Recover product by vacuuming to clean the
Recovery	: Floor & all objects contaminated by this material, uses soap & water.

7 HANDLING & STORAGE

Handling	: Handling without causing dust. Prevention of Workers Exposures collect dust at sources.
Storage	: Storage condition-product stable under normal storage Conditions. Suitable –keep container dry.
Packing materials	: Recommended: Plastic Bags Not Recommended: None of our knowledge.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls	: Handle in accordance with good ind. hygiene and safety practice.
--------------------------	--

Personal protection

Respiratory protective Equipment's	:	Wear dust proof mask
Hand protection	:	Wear suitable gloves
Eye protection	:	Wear glasses

9 PHYSICAL DATA & CHEMICAL PROPERTIES

Physical state	: Blue powder
C.I. No./Name Part I & II	: Pigment Blue 15.3
Compositon	: Copper phthalocyanine blue beta form modified
Ph	: 7 ± 0.5 diluted in water (50g/1)
Oil absorption	: 40 ± 5
Bulk density	: 0.35 to 0.45 kg. / ltr.
Moisture content	: 0.5 % Max.
Heat stability	: 150 deg. C.
Solvent fastness	: Excellent
Chemical stability	: Stable
Explosion Limits	: N/A.
Application	: Solvent / Water based paints & inks

MATERIAL SAFETY DATA SHEET**10 STABILITY AND REACTIVITY**

Hazardous reaction : None under normal condition of use.
Chemical stability : Stable under normal storage condition.

11 TOXICOLOGICAL INFORMATION

Acute toxicity : LD50.500 mg / kg (Oral rat)
Skin irritation : OCDE 404 : Non irritant.
Eye irritation : OCDE 405 : Non irritant

12 ECOLOGICAL INFORMATION

Possible environment impact / eco toxicity : No dangerous effect seen when added into water.

13 DISPOSAL CONSIDERATIONS

Neutralizing or destroying procedure of product : Discharge controlled.
Destroying procedure of contaminated : Packaging not reusable, to be send to packaging supervised disposable site.
Other : Dispose off according to the country, federal, state and local regulations.

14 TRANSPORT INFORMATION

Shipping : Not classified as dangerous in the meaning of transport regulations.
Hazardous : N.A.
U.N. No. : N.A.
Packing Group : N.A.

15 REGULATORY INFORMATION

Risk phrase : Labeling not required in accordance with EC directives or respective national laws
Hazardous Symbols : N.A.

16 OTHER INFORMATION

The data given here are based on our current knowledge and experience. The purpose of safety data sheet is to describe the product in terms of Safety requirements. The data do not signify any warranty with regards to the product properties. Buyers must carry out their own tests to determine the suitability and compatibility of our products for particular use and application.