



Material Safety Data Sheet

Section 1. Identification

Product/Chemical Name:

Laser Pigment Turquoise Blue TP 1

Other Means of Identification:

Pigment Colour

Recommended Use of the Product / Chemical & Restrictions on Use:

Recommended use: For industrial and professional users

The recommended use identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or imply any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Manufacturer / Company Information:

ELECTRON COLOUR CHEM PVT.LTD

Address:

230, New Apollo Estate, Mogra Village Road

Andheri (East), Mumbai - 400 069

MOB: +91 99200 77766

For Chemical Emergency – Spill, Leak, Fire, Exposure, or Accident Call:

Emergency Telephone Number: +91 99200 77766

Section 2. Hazard(s) Identification

Classification of Product / Chemical Mixture and Any National or Regional Information:

Pigment Colour

GHS Statements:

GHS Signal Word: WARNING

GHS Hazard Phrases: (H316) Causes mild skin irritation. (H320) Causes eye irritation. (H303) May be harmful if swallowed

Other Hazards Which Do Not Result in Classification:

None known.

Section 3. Composition, Information on Ingredients

<u>Ingredients</u>	<u>CAS Number</u>	<u>Percent</u>
Cyan (Pigment)	5280-78-4	60-70
Yellow (Pigment)	6358-31-2	20-30
Demineralized Water	7732-18-5	5-10
Titanium Dioxide (TiO ₂)	13463-67-7	1-5

Section 4. First-Aid Measures

Necessary Measures for Routes of Exposure:

Inhalation:

breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

Skin:

If skin irritation occurs, get medical advice/attention.

Eyes:

If in eyes, rinse cautiously with water for several minutes. Remove contact Lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention

Ingestion:

Rinse mouth. Call a doctor/physician if you feel unwell

Important Symptoms/Effects, Acute and Delayed:

Specific data not available

Immediate Medical Attention and Special Treatment Needed:

Specific data not available

Section 5. Fire-Fighting Measures

Suitable (and unsuitable) Extinguishing Media:

CO2, Dry Chemical for small fires, foam for large fires, water spray

Hazards Arising from The Product/Chemical (e.g., nature of any hazardous combustion products):

None known

Special Fire Fighting Procedures:

Use water spray to cool containers.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear protective clothing.

Environmental Precautions:

Specific data not available.

Methods and Materials for Containment and Cleaning Up:

Contain the spill and hold for disposal

Section 7. Handling and Storage

Precautions for Safe Handling:

Handle with care. Do not drop or expose to mechanical shock.

Use personal protective equipment (PPE) such as gloves, goggles, and protective clothing as needed. Ensure adequate ventilation during handling and transfer. Avoid contact with skin, eyes, and clothing. Do not eat, drink, or smoke while using this product. Wash hands thoroughly after handling.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in a cool (10–30 °C), dry, and well-ventilated area.

Keep containers tightly closed when not in use.

Protect from direct sunlight, frost, and heat sources.

Store away from strong oxidizing agents, acids, and bases.

Avoid storing near ignition sources or materials that could react with product residues.

Ensure containers are properly labeled and kept upright to prevent leaks.

Section 8. Exposure Controls / Personal Protection

Control Parameters, e.g., Occupational exposure limits values or Biological Limit Values

Specific Data not available.

Appropriate Engineering controls

Not required. Mechanical generally sufficient.

Individual Protective Measures Personal protective equipment (PPE)

Safety glasses and chemical goggles.

Section 9. Physical and Chemical Properties

Appearance (physical state, color, etc.):	Emulsion (Turquoise Blue)	Flash Point:	> 93.3°C (200°F)
Odor:	Product Specific	Evaporation Rate:	Not determined
Odor Threshold:	No Data available	Flammability:	Not applicable (liquid product)
Melting Point/Freezing Point:	Approx. 0°C (32°F)	Explosive Limits:	Not determined
Boiling Point and Boiling Range:	Approx. 100°C (212°F)		

Section 10. Stability and Reactivity

Chemical stability

Stable under normal conditions of use, handling, and storage.

Possibility of Hazardous Reactions

No hazardous reactions expected under normal conditions of use, handling, and storage.

Conditions to Avoid (e.g, static discharge, shock, or Vibration)

Avoid exposure to heat, sparks, open flames, and other sources of ignition.

Hazardous decomposition products

Under intended use and storage, the product is not expected to undergo hazardous reactions. Polymerization, decomposition, or exothermic reactions are not anticipated.

Incompatible Materials

Specific data not available

Section 11. Toxicological Information

Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

May cause respiratory irritation.

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

Section 12. Ecological Information

Ecotoxicity (aquatic and terrestrial, where available)

The product is not classified as environmentally hazardous under GHS. However, large or frequent releases may still be harmful to the environment.

Persistence and Degradability

No specific data available. Based on composition and similar substances, the product is not expected to be readily biodegradable.

Bio accumulative Potential

No specific data available. Based on structure, low potential for bioaccumulation is expected.

Mobility in Soil

The product is immiscible with water and may spread on water surfaces.

Other Adverse Effects

No known significant effects or critical hazards reported.

Section 13. Disposal Considerations

Description of Waste Residues and Information on Their Safe Handling and Methods of Disposal Including the Disposal of Any Contaminated Packaging:

Contaminated absorbent material may be disposed of in an approved land fill Dispose of in accordance with all existing local, state, and federal ordinances.

Section 14. Transport Information

UN Number:

Not applicable - this product is not regulated for transport under ADR, IMDG, IATA, or DOT.

UN Proper Shipping Name:

Not applicable.

Transport Hazard Class(es):

Not applicable - not classified under transport hazard classes.

Packing Group (if applicable):

Not applicable - not assigned a packing group.

Marine Pollutant (Yes/No):

This product is not classified as a marine pollutant as per IMDG.

Special Precautions Which User Needs to Be Aware Of/Or Comply with In Connection with Transport or Conveyance Either Within or Outside Their Premises:

No special precautions required. Avoid extreme temperatures and direct sunlight during transport.

Section 15. Regulatory Information

Safety, health and environmental regulations specific for the product in question: Specific provisions in terms of protecting people or the environment: It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

Other regulations limitations and prohibitive regulations: Not applicable

Chemical safety assessment: A Chemical Safety Assessment has not been carried out

Section 16. Other Information

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road.

IMDG: International Maritime Dangerous Goods Code

LD50: Lethal Dose 50

LC50: Lethal Concentration

50 EC50: Effective concentration 50

ACGIH: (American Conference of Governmental Industrial Hygienists)

A1 - Known Human Carcinogen

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

NTP: (National Toxicity Program)

Known - Known Carcinogen

Reasonably Anticipated to be a Human Carcinogen

OSHA: (Occupational Safety & Health Administration)

X - Present