OXFORD LAB FINE CHEM LLP

Regd Office: Unit no 12, 1st Floor,
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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

ANILINE BLUE
(Spirit Soluble)
MSDS CAS: 28631-66-5

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product
Product Name: Aniline blue
CAS#: 28631-66-5
C.I. No.: Not Available
Synonym: Aniline blue, certified; C.I. 42775; C.I. Acid blue 22; China blue; Aniline blue, spirit soluble;
Chemical Name: Not available.
Chemical Formula: C32 H25 N3 Na2 O9 S3

Brand: OXFORD

Details Of The Supplier Of The Safety Data Sheet:

Company identification: **OXFORD LAB FINE CHEM LLP**
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,
Navghar, Vasai (East). Palghar - 401 210.
Mumbai, Maharashtra, INDIA.
Tel: 91-250-2390989
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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Aniline blue	28631-66-5	100

Toxicological Data on Ingredients: Not available.

Section 3: Hazards Identification

Potential Health Effects:
Information on the human health effects from exposure to this substance is limited.
Inhalation:
May cause irritation to the respiratory tract. Symptoms may include coughing and shortness of breath.
Ingestion:
May cause irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea.
Skin Contact:
May cause irritation with redness and pain.
Eye Contact:
May cause irritation, redness and pain. This product contains an anionic dye. Similar dyes have not caused injury to the cornea or conjunctiva in documented exposure cases with human or rabbit eyes.
Chronic Exposure:
Chronic exposure may cause skin effects. Lengthy exposures may affect the ability of blood to carry oxygen (methemoglobinemia), resulting in bluish discoloration of lips and tongue (cyanosis).
Aggravation of Pre-existing Conditions:
No information found.

Section 4: First Aid Measures

Inhalation:
Remove to fresh air. Get medical attention for any breathing difficulty.
Ingestion:
If swallowed, give several glasses of water to drink to dilute. If large amounts were swallowed or symptoms occur, get medical advice. Never give anything by mouth to an unconscious person.
Skin Contact:
Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.
Eye Contact:
Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

Section 5: Fire and Explosion Data

Fire: **Not expected to be a fire hazard.**
Explosion: **No information found.**
Fire Extinguishing Media: **Dry chemical, foam, water or carbon dioxide.**

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Section 5: Fire and Explosion Data (Continued)

Special Information: **In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.**

Section 6: Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

Section 7: Handling and Storage

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

Section 8: Exposure Controls/Personal Protection

Airborne Exposure Limits: **None established.**

Ventilation System: **A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.**

Personal Respirators (NIOSH Approved):

For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn. If oil particles (e.g. lubricants, cutting fluids, glycerine, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator.

WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection: **Wear protective gloves and clean body-covering clothing.**

Eye Protection: **Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.**

Section 9: Physical and Chemical Properties

Appearance: Dark red to purple solid.
Odor: Odorless.
Solubility: Soluble in water.
Specific Gravity: No information found.
pH: No information found.
% Volatiles by volume @ 21C (70F): 0
Boiling Point: No information found.
Melting Point: No information found.
Vapor Density (Air=1): Not applicable.
Vapor Pressure (mm Hg): Not applicable.
Evaporation Rate (BuAc=1): Not applicable.

Section 10: Stability and Reactivity Data

Stability: Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products: Burning may produce carbon monoxide, carbon dioxide, sulfur oxides, and nitrogen oxides.
Hazardous Polymerization: Will not occur.
Incompatibilities: Strong oxidizers.
Conditions to Avoid: Incompatibles.

Section 11: Toxicological Information

No LD50/LC50 information found relating to normal routes of occupational exposure. Investigated as a mutagen.

--------\Cancer Lists\----------

	---NTP Carcinogen---		
Ingredient	Known	Anticipated	IARC Category
Aniline Blue (28631-66-5)	No	No	None

Section 12: Ecological Information

Environmental Fate: No information found.
Environmental Toxicity: No information found.

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Section 13: Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section 14: Transport Information

14.1. Land transport (ADR-RID)

General information : **Not regulated.**

14.2. Sea transport (IMDG) [English only]

General information : **Not regulated.**

14.3. Air transport (ICAO-IATA) [English only]

General information : **Not regulated.**

Section 15: Other Regulatory Information

--------\Chemical Inventory Status - Part 1\---------- Ingredient TSCA EC Japan Australia ---------- Aniline Blue (28631-66-5) Yes Yes Yes Yes --------\Chemical Inventory Status - Part 2\---------- --Canada— Ingredient Korea DSL NDSL Phil. ---------- Aniline Blue (28631-66-5) Yes Yes No Yes --------\Federal, State & International Regulations - Part 1\---------- -SARA 302- ------SARA 313------ Ingredient RQ TPQ List Chemical Catg. ---------- Aniline Blue (28631-66-5) No No No No --------\Federal, State & International Regulations - Part 2\---------- RCRA- -TSCA Ingredient CERCLA 261.33 8(d)

Section 15: Other Regulatory Information (continued)

Aniline Blue (28631-66-5) No No No
Chemical Weapons Convention: No TSCA 12(b): No CDTA: No
SARA 311/312: Acute: Yes Chronic: Yes Fire: No Pressure: No
Reactivity: No (Pure / Solid)

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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