

MATERIAL SAFETY DATA SHEET (MSDS)**NEW METHYLENE BLUE (FOR MICROSCOPY) (C.I.NO. 52030)****1. Product Identification**

Synonyms: C.I. 52030; C.I. Basic Blue 24

CAS No.: 6586-05-6

Product Coad: N0142600100

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent
New Methylene Blue N	6586-05-6	90 - 100%

3. Hazards Identification

Emergency Overview

WARNING! HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES IRRITATION.

Potential Health Effects

Inhalation:None identified.

Ingestion:None identified.

Skin Contact:None identified.

Eye Contact:None identified.

4. First Aid Measures

Inhalation:If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Prompt action is essential.

Ingestion:Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

Skin Contact:In case of contact, flush skin with water.

Eye Contact:In case of eye contact, immediately flush with plenty of water for at least 15 minutes.

5. Fire Fighting Measures

Fire:Not expected to be a fire hazard.

Explosion:None identified.

Fire Extinguishing Media:Use extinguishing media appropriate for surrounding fire.

Special Information:Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode.

6. Accidental Release Measures

Wear suitable protective clothing. Carefully sweep up and remove.

CHAITANYA CHS, 2nd FLOOR, OFFICE # 206, SIDDHARTH NAGAR, S.V.ROAD, GOREGAON (W), MUMBAI 400062, MH, INDIA.
 CONTACT: +9122 28725393 /94/ 95 | EMAILID: CARE@SUVCHEM.COM

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7. Handling and Storage

Keep container tightly closed. Suitable for any general chemical storage area. 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.

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 impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection: Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance: Brown Powder.

Solubility: Moderate (1-10%)

Specific Gravity: No information found.

pH: No information found.

% Volatiles by volume @ 21C (70F): 0

Boiling Point:No information found.

Melting Point:239C (462F)

Vapor Density (Air=1):Not applicable.

Vapor Pressure (mm Hg):Not applicable.

Evaporation Rate (BuAc=1):No information found.

10. Stability and Reactivity

Stability:Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products:

Hydrogen chloride.Hazardous Polymerization:

Will not occur.Incompatibilities:No information found.

Conditions to Avoid:No information found.

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11. Toxicological Information

---NTP Carcinogen---

Ingredient Known	Anticipated IARC Category

New Methylene Blue N (6586-05-6)	No No None

12. Ecological Information

Environmental Fate:No information found.

Environmental Toxicity:No information found.

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.

14. Transport Information

Not regulated.

15. Regulatory Information

-----\Chemical Inventory Status - Part 1\-----

Ingredient TSCA EC Japan Australia

New Methylene Blue N (6586-05-6) Exempt Yes No No

-----\Chemical Inventory Status - Part 2\-----

New Methylene Blue N 10/19/10 7:45 AM

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--Canada--

Ingredient Korea DSL NDSL Phil.

New Methylene Blue N (6586-05-6) No No No No

-----\Federal, State & International Regulations - Part 1\-----

-SARA 302- -----SARA 313-----

Ingredient RQ TPQ List Chemical Catg.

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New Methylene Blue N (6586-05-6) No No No No

-----\Federal, State & International Regulations - Part 2\-----

-RCRA- -TSCAIngredient

CERCLA 261.33 8(d)

New Methylene Blue N (6586-05-6) No No No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No

SARA 311/312: Acute: No Chronic: No Fire: No Pressure: No

Reactivity: No (Pure / Solid)

Australian Hazchem Code: None allocated.

Poison Schedule: None allocated.

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products

Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. Other Information

Label Hazard Warning: WARNING! HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN.

CAUSES IRRITATION.

Label Precautions: Avoid contact with eyes, skin, clothing.

Keep in tightly closed container. Wash thoroughly after handling. **INTENDED FOR R & D USE ONLY.**

NOT ON THE TSCA INVENTORY.

Label First Aid: If swallowed, induce vomiting immediately as directed by medical personnel. Never give

anything by mouth to an unconscious person. If inhaled, remove to fresh air. If not breathing,

give artificial respiration. If breathing is difficult, give oxygen. Prompt action is essential. In

case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes

while removing contaminated clothing and shoes. Wash clothing before reuse.

Product Use: Research and Development Use Only

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

DISCLAIMER:

- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

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