

**MSDS****Material Safety Data Sheet**

1403 Herkimer Street  
 Joliet, IL 60432-1059  
 (877) EKI-CHEM  
 (815) 723-4000  
[www.eki-chem.com](http://www.eki-chem.com)

24 HOUR EMERGENCY  
 TELEPHONE NUMBER  
 CALL CHEMTREC  
 1-800-424-9300

---

**New Methylene Blue N Stain Solution**


---

**SECTION 1 PRODUCT IDENTIFICATION**


---

NAME: New Methylene Blue N Stain Solution  
 EKI ORDER NUMBER: 7443  
 SYNONYMS: N/I  
 CAS NO: Does not apply  
 FORMULA: Does not apply  
 REVISION DATE: April 26, 2004

\*\*\*\*LABEL HAZARD STATEMENT AND PRECAUTIONS\*\*\*\*

CAUTION! MAY CAUSE IRRITATION. MAY BE HARMFUL IF SWALLOWED. Avoid contact with skin, eyes and clothing. Avoid breathing mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

---

**SECTION 2 HAZARDOUS INGREDIENTS / EXPOSURE LIMITS**


---

INGREDIENT/CAS NO -----	OSHA PEL -----	ACGIH TLV -----
Potassium Oxalate/6487-48-5	N/E	N/E

---

**SECTION 3 PHYSICAL / CHEMICAL CHARACTERISTICS**


---

SOLUBILITY IN WATER: Miscible	BOILING POINT (C): N/E
VAPOR PRESSURE (mm Hg): N/E	VAPOR DENSITY: N/E
SPECIFIC GRAVITY: N/E	MELTING POINT (C): N/E
EVAPORATION RATE: N/E	
APPEARANCE AND ODOR: Dark blue liquid. Odorless.	

---

**SECTION 4 FIRE / EXPLOSION HAZARD DATA**


---

FLASH POINT (C): Not combustible  
 AUTOIGNITION TEMPERATURE (C): Does not apply  
 FLAMMABLE LIMITS (%) UEL: Does not apply LEL: Does not apply  
 EXTINGUISHING MEDIA: Suitable for surrounding fire.  
 SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus with full face piece operated in pressure-demand or other positive-pressure mode.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: N/I

---

**SECTION 5 REACTIVITY DATA**

---

STABILITY: Stable  
CONDITIONS TO AVOID: Excessive heat, sunlight  
MATERIALS TO AVOID: Strong acids and oxidizers.  
HAZARDOUS DECOMPOSITION PRODUCTS: SO<sub>x</sub>  
HAZARDOUS POLYMERIZATION: Does not occur.

---

**SECTION 6 HEALTH HAZARD DATA**

---

ROUTES OF ENTRY AND EFFECTS OF OVEREXPOSURE  
INHALATION: May cause mucous membrane irritation.  
SKIN CONTACT: May cause slight irritation.  
EYE CONTACT: May cause irritation.  
SKIN ABSORPTION: N/I  
INGESTION: May cause gastric upset.  
CHRONIC: N/I  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Skin or eye disorders.  
CARCINOGENICITY: None  
\*\*\*\*FIRST AID PROCEDURES\*\*\*\*  
EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes.  
SKIN CONTACT: Wash with plenty of soap and water.  
INHALATION: Remove to fresh air. Get medical attention for any breathing difficulty.  
INGESTION: Do NOT induce vomiting. Give several glasses of water to drink. Get medical attention.

---

**SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE**

---

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Absorb with inert material and containerize for disposal.  
WASTE DISPOSAL METHOD: Dispose in accordance with all applicable federal, state, and local environmental regulations.  
STORAGE: Store tightly closed in a cool place, out of direct sunlight.

---

**SECTION 8 CONTROL MEASURES**

---

VENTILATION: Local or general.  
RESPIRATORY PROTECTION: Mist respirator, if required.  
EYE PROTECTION: Chemical safety goggles and/or full face shield.  
SKIN PROTECTION: Gloves, lab coat and impervious apron.

<p>E K INDUSTRIES, INC. MAKES NO REPRESENTATION AS TO THE COMPREHENSIVENESS OR ACCURACY OF THIS INFORMATION. INDIVIDUALS RECEIVING THIS INFORMATION MUST EXERCISE THEIR INDEPENDENT JUDGMENT IN DETERMINING ITS APPROPRIATENESS FOR A PARTICULAR PURPOSE. ACCORDINGLY, E K INDUSTRIES, INC. WILL NOT BE RESPONSIBLE FOR DAMAGES OF ANY KIND OR NATURE RESULTING FROM THE USE OF ANY SUCH INFORMATION. NO REPRESENTATIONS OR WARRANTIES OF ANY KIND OR NATURE, INCLUDING BUT NOT LIMITED TO, EXPRESS WARRANTIES, IMPLIED WARRANTIES OF MERCHANTABILITY, OR WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR TO THE PRODUCT TO WHICH THE INFORMATION REFERS.</p>
--