Dear Customer:

This MSDS (Material Safety Data Sheet) contains the latest information relating to our product. Please discontinue using any former Bradley Products, Inc. MSDS for this product. The format of this MSDS has changed substantially from previous versions and has been modified to follow the ANSI recommended 16 section format. It continues to be prepared in accordance with the OSHA Hazard Communication Standard (29CFR 1910.1200). Please:

• Review this MSDS and ensure you understand and comply with its content.
• Inform all employees and other users of the information contained in this MSDS before handling the product.
• Bradley Products updates MSDSs as needed. The Content Effective date represents the last change in the product formula. The Verified date represents the date the MSDS content was verified as accurate. Newly modified MSDSs should be forwarded to all downstream users.

This MSDS contains information which may be helpful for you to comply with certain regulations and laws. It is not all inclusive information and could not be. Only you are in a position to determine what legal and other requirements are associated with the use of this product in your particular process and operation. It is your obligation to understand and comply with all information contained in this MSDS as well as all applicable laws, rules and regulations relating to your handling, use, storage and processing of this material.

If you want additional copies of this MSDS, we are happy to provide them to you, at no charge, via mail, fax, e-mail, or you can download a PDF copy from our web site. If you have questions or desire additional information in the handling, storage, use, or disposal of this product, please contact us.

Sincerely,
Bradley Products, Inc.

Important Note: The Davidson Marking System® dyes, manufactured by Bradley Products, Inc. are not intended for use on a living patient. These dyes are only intended for use on excised tissues.
Bradley Products, Inc.
MATERIAL SAFETY DATA SHEET
Product: Davidson Marking System® Blue Dye all sizes

Content Effective: September 27, 2012     Verified: June 1, 2014     MSDS # 00105, Page 1 of 4

Bradley Products, Inc. encourages safe handling of this product. To promote safe handling, each recipient should: 1) Notify its employees, agents, contractors and others whom it knows or believes will use this material or the information in this MSDS and any other information regarding hazards or safety; 2) Furnish this same information to each of its customers for the product; and 3) Request its customers to notify their employees, customers and other users of the product of this information.

Section I – Product and Company Information

1.1 PRODUCT IDENTIFICATION
Product: Davidson Marking System® Blue Dye all sizes
HMIS Ratings: Health - 1          Flammability - 0           Reactivity - 0

1.2 COMPANY IDENTIFICATION
Bradley Products, Inc.     Phone: 952-881-1430
1700 West 94th Street     Toll-free: 800-325-7785
Bloomington, MN  55431-2300
Fax: 952-881-1873
e-mail: dms@bradleyproducts.com
web site: www.bradleyproducts.com

Section II – Composition – Right to Know

<table>
<thead>
<tr>
<th>Product</th>
<th>CAS #</th>
<th>Product</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>Ethandionic Acid</td>
<td>144-62-7</td>
</tr>
<tr>
<td>Pigment Blue</td>
<td>proprietary</td>
<td></td>
<td></td>
</tr>
<tr>
<td>preservative</td>
<td>111-30-8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section III – Hazardous Identification and Health Effects

3.1 EMERGENCY OVERVIEW
Appearance: Blue
Physical State: Liquid
Odor: None
Hazard: Irritating to skin and eyes.

3.2 POTENTIAL HEALTH EFFECTS
Effects of Single Acute Overexposure
Inhalation: Undiluted liquid does not present a significant inhalation hazard.
Eye Contact: Contact with eyes may result in irritation with burning and stinging.
Skin Contact: Contact with skin may result in irritation.
Persons with known aldehyde sensitization may experience a rash.
Ingestion: See Chronic, Prolonged or Repeated Overexposure comments below:

Chronic, Prolonged or Repeated Overexposure
Repeated ingestion of large quantities of the undiluted liquid can result in chelation of calcium in the body causing hypocalcemia, which can produce severe disturbances in the actions of renal, cardiac, and nervous tissues.

3.3 POTENTIAL ENVIRONMENTAL EFFECT
See Section XV - Regulatory Information

Section IV – First Aid Procedures

4.1 INHALATION
Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

4.2 EYE CONTACT
Immediately wash eyes with running water for 15 min. If irritation develops, consult a physician.

4.3 SKIN CONTACT
Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, consult a physician.

4.4 INGESTION
If swallowed, dilute with water and induce vomiting. Never give fluids or induce vomiting if victim is unconscious or having convulsions. Get immediate medical attention.

4.5 NOTES TO PHYSICIAN
No information currently available.
Section V – Fire and Explosion Data

5.1 FLAMMABLE PROPERTIES
Flash Point (Test Method): >212°F
Autoignition Temp: N/A
Flammability Limits in Air (% by Vol): Lower: N/A Upper: N/A

5.2 EXTINGUISHING MEDIUM
Use powder, alcohol-resistant foam, water in large amounts, carbon dioxide.

5.3 EXTINGUISHING MEDIUM TO AVOID
No information currently available.

5.4 SPECIAL FIREFIGHTING PROCEDURES
No special procedures required.

5.5 SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS
No special equipment required.

5.6 UNUSUAL FIRE AND EXPLOSION HAZARDS
None.

5.7 HAZARDOUS DECOMPOSITION PRODUCTS
None.

Section VI – Accidental Spill / Leak Procedures
Steps to be taken if material is released or spilled:
Contain and collect spilled product. Dispose in accordance with Federal, State, and Local regulations. Dispose of empty containers by crushing or whatever means will prevent unauthorized reuse.

Personal Precautions:
See Section VIII - Special Protection

Environmental Precautions:
Do not flush to drain.

Section VII – Handling and Storage

7.1 HANDLING
General Handling
Keep container closed. Loosen closure cautiously before opening. Store in a cool, well ventilated place away from incompatible materials such as strong oxidizing agents, hot strong mineral acids and strong alkalis.

Ventilation
General room ventilation is expected to be satisfactory if this material is kept in covered equipment or containers. Local exhaust use is recommended.

7.2 STORAGE
Temperature: Ambient Storage Pressure: Atmospheric

Section VIII – Exposure Controls and Personal Protection

8.1 EXPOSURE LIMITS
No information currently available.

8.2 PERSONAL PROTECTION
None required for normal product use. Undiluted liquid will stain clothing and surfaces. Protection against staining may be desired.

8.3 ENGINEERING CONTROLS
None required for normal product use.

Section IX – Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State:</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance:</td>
<td>Blue</td>
</tr>
<tr>
<td>pH:</td>
<td>Neutral</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>miscible</td>
</tr>
<tr>
<td>Odor:</td>
<td>None</td>
</tr>
<tr>
<td>Volatiles By Weight:</td>
<td>57-61%</td>
</tr>
<tr>
<td>Boiling Point:</td>
<td>&gt;212°F</td>
</tr>
<tr>
<td>Freezing Point:</td>
<td>32°F</td>
</tr>
<tr>
<td>Specific Gravity (g/ml):</td>
<td>1.0</td>
</tr>
<tr>
<td>Vapor Pressure:</td>
<td>19.8 mmHg at 22°C</td>
</tr>
<tr>
<td>Vapor Density:</td>
<td>1.  Air = 1</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>Similar to water.</td>
</tr>
<tr>
<td>Melting Point:</td>
<td>ND</td>
</tr>
</tbody>
</table>
Section X – Stability and Reactivity
10.1 STABILITY / INSTABILITY
This product is stable.

Conditions to Avoid: N/A

Chemical Incompatibility:
Mixing this product with strong alkalis, hot strong mineral acids, and strong oxidizing agents can cause product decomposition leading to release of ammonia and hydrogen cyanide gas in low concentrations.

10.2 HAZARDOUS POLYMERIZATION
Does not occur.

Hazardous Decomposition Products: None

Conditions to Avoid: No information currently available.

10.3 INHIBITORS / STABILIZERS
No information currently available.

OTHER:
Corrosive to Metal: No Oxidizer: No

Section XI – Toxicological Information
Toxicity to Animals:
475 mg/kg oral-rat (male), 375 mg/kg oral-rat (female), LD50 - ethanedioic acid
20 gm/kg skin-rabbit (not lethal)-ethanedioic acid
0.82 g/kg oral-rat, LD50 - preservative
0.64 g/kg skin-rabbit LD50 - preservative

Chronic Effects on Humans:
No known effects for undiluted liquid material mixture. Ethanedioic acid component can cause kidney damage by removal of calcium from the blood and obstructing renal tubules.

Section XII – Ecological Information
Ecotoxicity: N/A
BOD5 and COD: N/A

Products of Biodegradation: Products of biodegradation are less toxic than the product itself.

Section XIII – Disposal Considerations
13.1 WASTE DISPOSAL METHOD
Dispose in accordance with Federal, State, and Local regulations.

Section XIV – Transport Information
14.1 U.S. DOT, IMO
Not regulated. Not IATA regulated.

Section XV – Regulatory Information
TCSA: Components of this product are listed on the TSCA Inventory.
SARA Title III: Components of this product are listed under this statute.
CERCLA: Components of this product are not listed under this statute.

Section XVI – Other Information
16.1 AVAILABLE LITERATURE AND BROCHURES
Additional product safety information on this product may be available and may be obtained by calling Bradley Products, Inc. or visit the web site at www.bradleyproducts.com

16.2 SPECIFIC HAZARD RATING SYSTEM
No information currently available.

16.3 RECOMMENDED USES AND RESTRICTIONS
For industry use only.

16.4 REVISION
Version: 3
Revision: September 27, 2012
Verified: June 1, 2014
While Bradley Products, Inc. (BPI) believes the data set forth herein are accurate as of the date hereof, BPI makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon, such data are offered solely for your consideration, investigation and verification. Since the use of this information and the conditions of the use of the product are not under the control of BPI, it is the user’s obligation to determine conditions of safe use of the product.