

## MATERIAL SAFETY DATA SHEET - CRITERION LEVELER

Manufacturer: **TASKEM, Inc.**  
**4639 Van Epps Road**  
**Brooklyn Heights, Ohio 44131**  
**(216) 351-1500**

NFPA Rating  
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Health: 1  
Flammability: 0  
Reactivity: 0

Latest Revision Date for MSDS Information: February 22, 2007

Information on this product is on file with CHEMTREC. FOR EMERGENCY ASSISTANCE CALL 1-800-424-9300. If water pollution occurs, notify appropriate authorities.

### SECTION I - PRODUCT IDENTIFICATION

Trade Name: CRITERION LEVELER  
Product Identification Number: 32100  
General or Generic Id: Nickel Plating Bath Additive

### SECTION II - HAZARDOUS INGREDIENTS

This product does not contain material(s) listed as toxic chemicals as defined by the requirements of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III - Section 313, nor does it contain any material(s) which are listed as hazardous chemicals as defined by OSHA's Hazard Communication Standard (29 CFR 1910.1200).

### SECTION III - PHYSICAL DATA

Vapor Density: Heavier than Air  
Solubility in Water: Complete  
Appearance and Odor: Clear Liquid with Slight Garlic Odor  
Specific Gravity: 1.020 - 1.030  
Percent Volatiles: Approx. 80%  
Evaporation Rate: Slower than Ether

### SECTION IV - FIRE AND EXPLOSION HAZARDS

Flammability Classification (DOT): Not Flammable  
Flash Point: Does Not Apply  
Extinguishing Media: Water Fog, Foam, Dry Chemical, CO<sub>2</sub>  
Special Fire Fighting Procedures: Positive pressure, self-contained respiratory protection and protective clothing should be worn by firefighters in areas where products are stored.  
Unusual Fire & Explosion Hazards: None.

### SECTION V - HEALTH HAZARD DATA

#### Effects of Overexposure:

Eyes: Mild irritant. Prolonged or repeated contact may cause redness and irritation.  
Skin: Mild irritant. Prolonged or repeated contact may cause irritation  
Breathing: Inhalation of mists or liquid may cause irritation to mucous membrane of the respiratory tract.  
Swallowing: Industrial chemicals are never to be taken internally. Irritating to mucous membrane.

#### First Aid:

If in Eyes: Flush with clean water for 15 minutes. Contact a Physician. Washing eyes within 1 minute after contact is essential to achieve maximum effectiveness.  
If on Skin: Immediately wash skin with soap and plenty of water. Remove contaminated clothing and do not re-use until laundered.  
If Inhaled: Remove victim to fresh air. Seek medical attention. If breathing has stopped, start artificial respiration.  
If Swallowed: Do not induce vomiting. Give large quantities of milk and/or water. Seek medical attention.

NOTE: The above *Health Hazard Data* applies to contact with the product itself, not the operating solutions in which it is used, which contain dissolved nickel salts in a slightly acidic solution. In the case of contact with the operating solution, follow treatment methods applicable for exposure to this type of solution.

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### SECTION VI - REACTIVITY DATA

Stability: Stable  
Conditions to Avoid: See SECTION IX.  
Incompatibility (Materials to Avoid): Oxidizers  
Hazardous Decomposition Products: Oxides of Carbon and Sulfur.  
Hazardous Polymerization: Will not occur

### SECTION VII - SPILL OR LEAK PROCEDURES

#### Steps to be Taken in Case of a Spill:

Small Spill: Stop leaks. Contain spill. Cover with absorbent material and shovel into closeable containers for proper disposal.  
Large Spill: Stop leaks. Contain spill. Remove as much as possible for routine use. Cover with absorbent material and shovel into closeable containers for proper disposal.

#### Waste Disposal Method:

Small Spill: Dispose of in accordance with Federal, State, and Local regulations.  
Large Spill: After recovery, dispose of in accordance with Federal, State, and Local regulations.

NOTE: The above *Spill or Leak Information* refers to the product itself, not the operating solutions in which it is used, which contain dissolved nickel salts in a slightly acidic solution. In the case of a spill of the operating solution, treat accordingly.

### SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED

Respiratory Protection: Use appropriate NIOSH approved respiratory equipment for dust and mists.  
Ventilation: Exhaust ventilation to maintain air contamination below TLV. Mechanical ventilation recommended.  
Protective Gloves: Neoprene, Rubber  
Eye Protection: Safety Glasses or Face Shield  
Other Protective Equipment: Rubber Apron. Safety showers and eye wash stations should be near handling areas.

### SECTION IX - SPECIAL PRECAUTIONS OR OTHER COMMENTS

#### Precautions to be Taken in Storing or Handling:

Keep containers closed when not in use. Protect from freezing. If material freezes, move to a warm area and allow to thaw. Mix well prior to use to insure uniform composition of material.

#### Other Precautions:

Product is typically used in conjunction with dissolved nickel salts in slightly acidic solutions operated at elevated temperatures. When working with, or near, operating solutions, exercise normal cautions to be used when handling this type of solution.

### SECTION X - TRANSPORTATION AND LABELING DATA

DOT Proper Shipping Name: Not Regulated  
DOT Proper Hazard Class: Not Regulated  
DOT ID Number: Not Regulated  
Precautionary Labels: None Required

**U.S. TSCA Inventory: All components are included on the U.S. TSCA Inventory.**

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