



MSDS MATERIAL SAFETY DATA SHEET



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FOR CHEMICAL EMERGENCY
CALL INFOTRAC
1-800-535-5053
24 Hrs. per day, 7 days per week

Hazard Rating
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

Table with hazard ratings: HEALTH 1, FLAMMABILITY 0, REACTIVITY 0, PERSONAL PROTECTION 0

PRODUCT IDENTIFICATION

Product Name: Disclosing Solution
Cat. # / Size: 10402 / 2 oz.; 10403 / 16 oz.
Chemical Name: Mixture of Organic Compounds
Molecular Formula: Complex Mixture
Synonyms: None known
Chemical Family: Organic Dye and Organic Chemicals.

HAZARDOUS INGREDIENTS

Components: This product contains the following toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:
FD & C Red No. 28: 1.0%, LD50 2,890 mg/kg Oral Rat
Sodium Saccharin: CAS Reg No. 128-44-9, less than 1.0%.
Contains no other hazardous ingredients

PHYSICAL PROPERTIES

Boiling Point: 212°F Melting Point: Less than 31°F
Specific Gravity: 1.014/25°C pH: (AS-IS): 6.90
Vapor Pressure: 24 mmHg/25°C Evap. Rate (BUOAC=1.0): 0.4
Solubility in water: Miscible Percent Volatile: 98% v/v
Appearance and Odor: Dark red liquid with peppermint odor.

FIRE AND EXPLOSION DATA

Flash Point: Not combustible
Flammable limits: Lower -0, upper - 0
Extinguishing Media: Not required at ordinary condition
Special Fire Fighting Procedure: The use of self-contained breathing apparatus is recommended for fire fighters.
Unusual Fire and Explosion Hazards: No explosion hazards.

HEALTH HAZARD DATA

Threshold limit value: Not established.
Effect of Overexposure: Prolonged exposure may cause a mild irritation to eyes and respiratory tracts.
Inhalation of high vapor concentration may have results ranging from mild depression to mild convulsions.
Emergency and First Aid Procedure: For eye and skin contacts, flush with large quantities of water for at least 15 minutes. For ingestion, attempt to empty the stomach by causing vomiting, or use of an emetic. If breathing is difficult upon inhalation, administer oxygen. Get medical attention.
Chronic effect(s) of overexposure: Not known currently.
Primary route(s) of entry: Mouth

REACTIVITY DATA

Stability: Stable at ordinary condition
Incompatibility/Avoid Contact With: Strong Oxidizing Agents
Hazardous Decomposition Product:: Carbon Monoxide
Hazardous Polymerization: Will not occur
Condition to Avoid: Avoid contact on skin.

### SPILL OR LEAK PROCEDURE

Steps To Be Taken In Case Material Is Released Or Spilled: Flush spilled material into suitable retaining container with large amounts of water. For small spills, take up with an absorbent material and place in nonleaking containers.

Waste Disposal Method: Flush into an industrial sewer with copious quantities of water. Observe all applicable regulations.

### SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify type): Use NIOSH approved respirator only if vapor concentration exceeds the TLV's.

Ventilation: Local Exhaust: Only if necessary  
Mechanical (General): Acceptable  
Special: Use only at well ventilated area  
Other: No smoking

Protective Gloves: Rubber gloves.

Eye Protection: Safety goggles.

Other Protective Equipment: Impermeable apron.

### SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storage: Store in close containers and keep them tightly closed. No other special precautions needed.

Other Precautions: Keep out the reach of children.

### REQUIREMENTS FOR TRANSPORTATION

Proper Shipping Name: Disclosing Solution  
Hazardous Classification: Not DOT Regulated  
Identification Number: Not available  
Additional Labeling: None

### NOTICE TO READER

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Sultan Chemists, Inc., assumes no responsibility for the completeness or accuracy of the information contained herein.

### WARNING LABEL SECTION



USE ONLY AS DIRECTED



AVOID CONTACT WITH EYES & SKIN



DO NOT MIX WITH OTHER CLEANERS OR CHEMICALS



CLEAN UP ALL SPILLS



AVOID CONTAMINATION WITH FOOD



KEEP CONTAINER TIGHTLY SEALED



DO NOT REFILL CONTAINER



PROVIDE ADEQUATE VENTILATION



USE EYE PROTECTION



FOR ORAL USE - NOT TO BE SWALLOWED