

MATERIAL SAFETY DATA SHEET

SECTION 1 - General Information

PRODUCT NAME **MED-DENT Fixer Premixed**

PRODUCT USE Photographic solution

HMIS SCALE HEALTH **1** FLAMMABILITY **0** REACTIVITY **0** PPE **C**

SUPPLIER FR Chemical

CATALOG #
2502F, 2500DF

ADDRESS 524 S. Columbus Ave Mount Vernon NY 10550

PHONE NO. **914-667-2447**

EMERGENCY TEL #

CHEMTREC 800-424-9300

SECTION 2 - Product and Hazardous Ingredients Information

| HAZARDOUS INGREDIENTS | CAS NUMBER | W/W % | Permissible Exposure Limit | LD50 | LC50 |
|-----------------------|------------|-------|----------------------------|------------|---------------|
| Water | 7732-18-5 | 85 | not listed | Not | Not available |
| Ammonium thiosulfate | 7783-18-8 | <15 | not listed | 2890 mg/kg | not available |
| Sodium sulfite | 7757-83-7 | <3 | not listed | 2825 mg/kg | not available |
| Acetic acid | 64-19-7 | <2 | OSHA TWA 10 ppm | 3310 mg/kg | 5620 -1h |

SECTION 3 - Hazards Identification

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Harmful if swallowed. May cause burning or irritation of eyes and mucous membranes. May cause mild skin irritation and or allergic reaction. Prolonged inhalation of vapors may be irritating and cause headaches.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

None known

SECTION 4 - First Aid Measures

SKIN CONTACT

Wash exposed skin thoroughly with soap and water. If irritation persists seek medical advice.

EYE CONTACT

Flush eyes with water for 15 minutes. Seek medical advice if symptoms persist.

INGESTION

DO NOT induce vomiting. Seek medical attention immediately.

INHALATION

If inhaled, remove to fresh air.

SECTION 5 - Fire Fighting Measures

FLAMMABILITY YES NO IF YES, UNDER WHAT CONDITIONS

MEANS OF EXTINGUISH

As needed to extinguish adjacent fire source.

FLASHPOINT (°C) AND METHOD

Not appropriate

UPPER FLAMMABLE LIMIT (% BY VOLUME)

Not appropriate

LOWER FLAMMABLE LIMIT (% BY VOLUME)

Not appropriate

AUTOIGNITION TEMPERATURE (°C)

Not appropriate

HAZARDOUS COMBUSTION PRODUCTS

See "Hazardous Decomposition Products".

EXPLOSION DATA SENSITIVITY TO IMPACT

Not susceptible

SENSITIVITY TO STATIC DISCHARGE

Not susceptible

SECTION 6 - Accidental Release

Flush to sewer with plenty of water, if permitted. If not, soak up with dry absorbent material. Consult with governmental regulatory agencies for appropriate disposal of this material. Wear appropriate protective equipment.

SECTION 7 - Handling and Storage

Read and follow the label, material safety data sheet, and instructions before using. Avoid any contact with skin and eyes. Keep container tightly closed. Avoid incompatible substances. Wash thoroughly after handling this product.

SECTION 8 - Exposure Controls

VENTILATION Good general ventilation.

SKIN Nitrile

EYE Splash goggles

RESPIRATORY Not normally required

OTHER Eye wash station

SECTION 9 - Physical and Chemical Properties

| | | | | |
|--------------------------------------|--|--|----------------------------------|---|
| PHYSICAL STATE Liquid | ODOR AND APPEARANCE Light blue liquid | | | ODOR THRESHOLD Not available |
| VAPOUR PRESSURE (mmHg) < 17 mm Hg | VAPOUR DENSITY (Air = 1) 0.6 mm Hg | EVAPORATION RATE(Water = 1) Not available | BOILING POINT (°C) ≥ 212°F | FREEZING POINT(°C) ≤ 32°F |
| pH 4.40 | SPECIFIC GRAVITY 1.085 | SOLUBILITY IN WATER (20°C) Complete | COEFF WATER OIL Not available | PERCENT VOLATILE (BY VOLUME) Not available |

SECTION 10 - Stability and Reactivity Data

CHEMICAL STABILITY YES NO IF NO, UNDER WHAT CONDITIONS

INCOMPATIBILITY WITH OTHER SUBSTANCES IF YES, WHICH ONES?
YES NO Mixing with developer will cause ammonia gas. This will dissipate quickly as pH is neutralized.

REACTIVITY, AND UNDER WHAT CONDITIONS Stable under ambient pressure and temperature.

HAZARDOUS DECOMPOSITION PRODUCTS None known

SECTION 11 - Toxicological Information

| | | | |
|---------------------------------------|--|--|---|
| EXPOSURE LIMITS Acetic acid 10 ppm | IRRITANCY OF PRODUCT Skin: Irritant | SENSITIZATION TO PRODUCT None known | CARCINOGENICITY Not listed by IARC, OSHA or ACGIH. |
| TERATOGENICITY Not known | REPRODUCTIVE TOXICITY Not known | MUTAGENICITY Not known | SYNERGISTIC PRODUCTS Not known |

SECTION 12 - Ecological Information

No data available

SECTION 13 - Disposal Considerations

Dispose of this product in accordance with federal, state and/or local laws.

SECTION 14 - Transportation Information

Not regulated for transportation

SECTION 15 - Regulatory Information

SARA: Reportable quantity (RQ) for Ammonium Thiosulfate 5000 lb, Acetic acid 5000 lb
SARA Section 304, CERCLA Hazardous components - Ammonium Thiosulfate
SARA Section 302,304,313 Hazardous components (None)
Not a controlled product under Canadian WHMIS regulations.

SECTION 16 - Other Information

The information contained in this MSDS is furnished without warranty of any kind. The user should consider this data a supplement to other data gathered and must make an independent determination of suitability from this and other sources to assure proper use and disposal of this material and the health and safety of employees and customers.