

SAFETY DATA SHEET

SECTION 1 - General Information

| | | | |
|--------------|--|--------------------------------|---|
| PRODUCT NAME | Cine/Manual Developer Concentrate | | |
| PRODUCT USE | Photographic Solution | HMIS SCALE: Health 1 | Flamability 0 Reactivity 0 PPE C |
| SUPPLIER | White Mountain Imaging | CATALOG #: | |
| ADDRESS | PO Box 216 Salisbury, NH 03268 | 4001MD, 4001DF, 4005MD, 4005DF | |
| PHONE NO | 603-648-2124 | EMERGENCY TEL # | CHEMTREC 800-424-9300 |

SECTION 2 - Hazards Identification

Precautionary Statement.

Oral: Harmful if swallowed
Skin: May cause mild skin irritation and/or allergic reaction.
Eye: May cause eye irritation

Classification

4
1B
2B

WARNING



EFFECTS OF CRONIC EXPOSURE TO PRODUCT

None known.

SECTION 3 - Product & Hazardous Ingredients Information

| HAZARDOUS INGREDIENTS | CAS NO. | W/W % | Permissible Exposure Limit | LD50 |
|-----------------------|-----------|--------|----------------------------|------------|
| Water | 7732-18-5 | 70-80% | Not listed | 42.6gm/kg |
| Sodium metabisulfite | 7681-57-4 | 12% | NOIOSH TWA 5 mg/m3 | 2000 mg/kg |
| Potassium hydroxide | 1310-58-3 | 8-12% | NIOSH © 2mg/m3 | 365 mg/kg |
| Hydroquinone | 123-31-9 | 1-5% | OSHA TWA 2 mg/m3 | 375 mg/kg |

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

Flamability YES NO IF YES UNDER WHAT CONDITIONS

MEANS OF EXTINGUISHING

As needed to extinguish adjacent fire source.

FLASH POINT (C/F) AND METHOD

Not appropriate

UPPER LIMIT (% BY VOLUME)

Not appropriate

LOWER LIMIT (% BY VOLUME)

Not appropriate

AUTOIGNITION TEMPERATURE (C/F)

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, 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.

Cine/Manual Developer

CAT No.

4001MD, 4001DF, 4005MD, 4005DF

SECTION 8 - Exposure Controls

VENTILLATION Good general ventilation
 SKIN Latex or nitrile EYE: Splash goggles RESPIRATORY Not normally required
 OTHER Eye wash station

SECTION 9 - Physical & Chemical Properties

| | | | | |
|-------------------------------------|---|---|--------------------------|--|
| PHYSICAL STATE Liquid | ODOR & APPEARANCE Light yellow, odorless solution. | | | ODOR THRESHOLD Not available |
| VAPOR PRESSURE (mm-Hg) <17 mm Hg | VAPOR DENSITY (Air=1) 0.6 mm Hg | EVAPORATION RATE (Water=1) Not Available | BOILING POINT > 212 F | FREEZING POINT < 32 F |
| pH 10.20 | SPECIFIC GRAVITY 1.235 | SOLUBILITY IN WATER Complete | COEFF WATER/OIL N/A | %VOLATILE (BY VOLUME) 80-90% as water |

SECTION 10 - Stability & Reactivity Data

CHEMICAL STABILITY YES NO IF NO, UNDER WHAT CONDITIONS

INCOMPATIBLE WITH OTHER SUBSTANCES YES NO IF YES, WHICH ONES?
Strong oxidizing agent and strong acids.

REACTIVITY AND UNDER WHAT CONDITIONS Stable under ambient pressure and temperature

HAZARDOUS DECOMPOSITION PRODUCTS None

SECTION 11 - Toxicological Information

| | | | |
|-------------------------------|--|--|---|
| EXPOSURE LIMITS None known | IRRITANCY OF PRODUCT Skin: Irritant | SENSITIZATION TO PRODUCT None known | CARCINOGENICITY Not listed by IARC, OSHA, or ACGIH |
| TERATOGENICITY None Known | REPRODUCTIVE TOXICITY Not Known | MUTAGENICITY None known | SYNERGISTIC PRODUCTS None 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 Hydroquinone 5000 lb, Potassium hydroxide 1000 lb
 SARA Section 304, CERCLA Hazardous components - (None)
 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 SDS 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.

PREPARED BY

White Mountain Imaging
 4001MD, 4001DF, 4005MD, 4005DF

PHONE NO

603-228-5222

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