

MATERIAL SAFETY DATA SHEET

SECTION 1 - General Information

PRODUCT NAME **ABX™ Developer Premixed**

PRODUCT USE **Photographic solution**

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

SUPPLIER **White Mountain Imaging**

CATALOG #
NS-204 NS-324

ADDRESS **PO Box 216 Salisbury NH 03268**

PHONE NO. **603-648-2124**

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 | 85-95 | not listed | 42.6 gm/kg | not available |
| Hydroquinone | 123-31-9 | <2 | OSHA TWA 2 mg/m3 | 320 mg/kg | not available |
| Sodium metabisulfite | 7681-57-4 | <3 | NIOSH TWA 5 mg/m3 | 2000 mg/kg | not available |
| Potassium hydroxide | 1310-58-3 | <3 | NIOSH (C) 2 mg/m3 | 365 mg/kg | not available |

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 EXTINCTION

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

Not susceptible

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 Latex or nitrile

EYE Splash goggles

RESPIRATORY

OTHER Eye wash station

SECTION 9 - Physical and Chemical Properties

| PHYSICAL STATE | ODOR AND APPEARANCE | | | ODOR THRESHOLD |
|------------------------|--------------------------|------------------------------|-----------------|------------------------------|
| Liquid | Pale red odorless liquid | | | Not available |
| VAPOUR PRESSURE (mmHg) | VAPOUR DENSITY (Air = 1) | EVAPORATION RATE (Water = 1) | BOILING POINT | FREEZING POINT |
| < 17 mm Hg | 0.6 mm Hg | Not available | 212°F | 32°F |
| pH | SPECIFIC GRAVITY | SOLUBILITY IN WATER (20°C) | COEFF WATER OIL | PERCENT VOLATILE (BY VOLUME) |
| 10.20 | 1.060 | Complete | Not available | 90-95% |

SECTION 10 - Stability and Reactivity Data

| | |
|--|---|
| CHEMICAL STABILITY YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | IF NO, UNDER WHAT CONDITIONS Mixing with fixer will cause ammonia gas. This will dissipate quickly as pH is neutralized. |
| INCOMPATIBILITY WITH OTHER SUBSTANCES YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> | IF YES, WHICH ONES? |
| REACTIVITY, AND UNDER WHAT CONDITIONS | Stable under ambient pressure and temperature. |
| HAZARDOUS DECOMPOSITION PRODUCTS | None known |

SECTION 11 - Toxicological Information

| | | | |
|--|------------------------------------|--|--|
| EXPOSURE LIMITS Hydroquinone 2 mg/m3 Potassium hydroxide 2 mg/m3 | IRRITANCY OF PRODUCT None known | 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 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 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.