

SAFETY DATA SHEETS

This SDS packet was issued with item:

071048487

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

071048420 071048438

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).


076387401

SAFETY DATA SHEET

SECTION 1 - General Information

| | |
|---|---|
| Product Name: AIR TECHNIQUES DEVELOPER | Catalog #: 40240 |
| Product Use: Photographic developer | HMS SCALE: Health 1 Flamability 0 Reactivity 0 PPE C |
| Supplier: Air Techniques Inc. | |
| Address: 1295 Walt Whitman Road, Melville, NY 11747 | |
| Phone No.: (516)433-7676 | Emergency Tel.: CHEMTREC 800-424-9300 |

SECTION 2 - Hazards Identification

| | | |
|---------------------------------|-----------------------|---|
| Precautionary Statement. | Classification | WARNING  |
| Oral: Harmful if swallowed | 4 | |
| Skin: Causes skin irritation | 2 | |
| Eye: Causes eye irritation | 2B | |

EFFECTS OF CRONIC EXPOSURE TO PRODUCT

None known.

SECTION 3 - Product & Hazardous Ingredients Information

| HAZARDOUS INGREDIENTS | CAS No. | WW % | PEL | LD50 | LC50 |
|-----------------------|-----------|-------|------------------|------------|------|
| Water | 7732-18-5 | 85-95 | not listed | 42.6gm/kg | N/A |
| Sodium metabisulfite | 7681-57-4 | < 3 | not listed | 2000 mg/kg | N/A |
| Hydroquinone | 123-31-9 | < 2 | OSHA TWA 2 mg/m3 | 375 mg/kg | N/A |
| Potassium hydroxide | 1310-58-3 | < 2 | NIOSH © 2mg/m3 | 365 mg/kg | N/A |

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)

Upper limit % by volume

Lower limit % by volume

Autoignition Temperature (C/F)

Not appropriate

Not appropriate

Not appropriate

Not appropriate

HAZARDOUS COMBUSTION PRODUCTS

Explosion Data Sensitivity to impact

Sensitivity to Static Discharge

"See Hazardous Decomposition Products"

not susceptible

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.

SECTION 8 - Exposure Control

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

SECTION 9 - Physical & Chemical Properties

| | | | |
|--------------------------------------|---|---|--|
| PHYSICAL STATE Liquid | ODOR & APPEARANCE Light yellow, odorless solution. | | ODOR THRESHOLD Not available |
| VAPOUR PRESSURE (mm-Hg) <17 mm Hg | Vapour Density (Air=1) 0.6 mm Hg | Evaporation Rate (Water=1) Not Available | Boiling Point > 212 F |
| pH 10.5 | Specific Gravity 1.08 | Solubility in Water Complete | Freeze Point < 32 F |
| | | Coef H2O/oil N/A | % Volatile (by volume) not applicable |

SECTION 10 - Stability & Reactivity Data

Chemical Stability IF NO, UNDER WHAT CONDITIONS
 YES X NO _____

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

HAZARDOUS DECOMPOSITION PRODUCTS
 sulfur dioxide, only under extreem conditions.

SECTION 11 - Toxicological In formation

| | | | |
|-------------------------------|--|--------------------------------------|---|
| EXPOSURE LIMITS None known | Irritancy of Product Skin: Irritant | Sensitation to Product None known | CARCINOGENICITY Not listed by IARC, OSHA, or ACGIH |
| TERATOGENICITY None Known | REPRODUCTIVE TOXIN 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 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.

SAFETY DATA SHEET

SECTION 1 - General Information

| | |
|---|--|
| Product Name: AIR TECHNIQUES FIXER | Catalog #: 40245, 40270 |
| Product Use: Photographic Fixer | HMIS SCALE: Health 1 Flammability 0 |
| Supplier: Air Techniques Inc. | Reactivity 0 PPE C |
| Address: 1295 Walt Whitman Road, Melville, NY 11747 | |
| Phone No.: (516)433-7676 | Emergency Tel.: CHEMTREC 800-424-9300 |

SECTION 2 - Hazards Identification

| | | |
|--|-----------------------|---|
| Precautionary Statement. | Classification | WARNING |
| Oral: Harmful if swallowed or inhaled. | 4 |  |
| Skin: Causes skin irritation | 2 | |
| Eye: Causes eye irritation | 2B | |

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

None known

SECTION 3 - Product & Hazardous Ingredients Information

| HAZARDOUS INGREDIENTS | CAS No. | W/W % | PEL | LD50 | LC50 |
|-----------------------|-----------|-------|------------|------------|----------------------|
| Water | 7732-18-5 | 90-95 | not listed | 42.6 gm/kg | not available |
| Ammonium Thiosulfate | 7783-18-8 | 8-12 | not listed | 2890 mg/kg | not available |
| Sodium Sulfite | 7757-83-7 | <2 | not listed | 2825 mg/kg | not available |
| Sodium acetate | 127-09-03 | <2 | not listed | 3530 mg/kg | 30 gm/m ³ |

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 EXTINGUISHING

As needed to extinguish adjacent fire source.

FLASH POINT (C/F)

Upper limit % by volume

Lower limit % by volume

Auto ignition Temperature (C/F)

Not appropriate

Not appropriate

Not appropriate

Not appropriate

HAZARDOUS COMBUSTION PRODUCTS

Explosion Data Sensitivity to impact

Sensitivity to Static Discharge

"See Hazardous Decomposition Products"

not susceptible

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.

Product Name: Air Techniques Fixer **Catalog #:** 40245, 40270

SECTION 8 - Exposure Control

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

SECTION 9 - Physical & Chemical Properties

| PHYSICAL STATE | ODOR & APPEARANCE | | | ODOR THRESHOLD |
|---|--|--|---------------------------------|--------------------------------------|
| Liquid | Clear, colorless with slight vinegar odor. | | | Not available |
| VAPOUR PRESSURE (mm-Hg) <17 mm Hg | Vapor Density (Air=1) 0.6 mm Hg | Evaporation Rate (Water=1) Not Available | Boiling Point > 212 F | Freeze Point < 32 F |
| pH 4.3 | Specific Gravity 1.085 | Solubility in Water Complete | Coef H2O/oil N/A | % Volatile (by volume) 50% |

SECTION 10 - Stability & Reactivity Data

Chemical Stability IF NO, UNDER WHAT CONDITIONS
 YES NO
INCOMPATIBLE WITH OTHER SUBSTANCES IF YES, WHICH ONES?
 YES NO Strong reducing agents & Strong bases.
HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur dioxide & ammonia
REACTIVITY: Stable under ambient pressure & temperature.

SECTION 11 - Toxicological Information

| EXPOSURE LIMITS | Irritancy of Product | Sensitation to Product | CARCINOGENICITY |
|-----------------|----------------------|------------------------|------------------------------------|
| None Known | Skin: Irritant | None known | Not listed by IARC, OSHA, or ACGIH |
| TERATOGENICITY | REPRODUCTIVE TOXIN | MUTAGENICITY | SYNERGISTIC PRODUCTS |
| None Known | Not Known | Not Known | 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.
 SARA Section 304, CERCLA Hazardous components - Ammonium Thiosulfate
 SARA Section 302,304,313 Hazardous components (None)
 Not a controlled product under Canadian WHMIS regulation

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.