

SAFETY DATA SHEET

SECTION 1 - General Information

| | | | | | |
|---|--------------------------------|------------------------|------------------------------|-------------------|--|
| Product Name: DENT-X IFP DEVELOPER | | | | Catalog #: | |
| Product Use: | Photographic developer | HMIS SCALE: Health 2 | Flammability 0 | 999-2604-100 | |
| Supplier: | White Mountain Imaging | Reactivity 0 | PPE C | 999-2604-200 | |
| Address: | PO Box 216 Salisbury, NH 03268 | | | 999-2604-700 | |
| Phone No.: | 603-648-2124 | Emergency Tel.: | CHEMTREC 800-424-9300 | | |

SECTION 2 - Hazards Identification

Precautionary Statement.

Oral: Harmful if swallowed
 Skin: Causes skin irritation.
 Eye: Causes serious eye damage.

| Category | |
|----------|-----|
| OSHA/GHS | GHS |
| 4 | 4 |
| 2 | 4 |
| 1 | 1 |

DANGER



EFFECTS OF CRONIC EXPOSURE TO PRODUCT

(n/c: not within OSHA classification limits.)

None known.

SECTION 3 - Product & Hazardous Ingredients Information

| HAZARDOUS INGREDIENTS | CAS No. | W?W % | PEL | LD50 | LC50 |
|-----------------------|-----------|-------|------------------|-----------|------|
| Water | 7732-18-5 | 80-90 | not listed | 42.6gm/kg | N/A |
| Sodium hydroxide | 1310-73-2 | 14 | NIOSH © 2mg/m3 | 365 mg/kg | N/A |
| Sodium Sulfite | 7757-83-7 | 6-12 | OSHA TWA 2 mg/m3 | 318 mg/kg | N/A |
| Hydroquinone | 123-31-9 | < 3 | OSHA TWA 2 mg/m3 | 320 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. Seek medical help if condition persists.

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.

| | | | |
|------------------------------|------------------------------------|------------|--------------|
| Page 2 | Product Name: DENT-X IFP DEVELOPER | Catalog #: | 999-2604-100 |
| SECTION 8 - Exposure Control | | | 999-2604-200 |
| VENTILLATION | Good general ventilation | | 999-2604-700 |

| | | | |
|-------|------------------|------------|-----------------------|
| SKIN | Latex or Nitril | RESPIRATOR | Not normally required |
| OTHER | Eye wash station | EYE: | Splash goggles |

| SECTION 9 - Physical & Chemical Properties | | | | |
|--|------------------------|----------------------------|---------------|------------------------|
| PHYSICAL STATE | ODOR & APPEARANCE | | | ODOR THRESHOLD |
| Liquid | Light yellow solution. | | | Not available |
| VAPOUR PRESSURE (mm-Hg) | Vapor Density (Air=1) | Evaporation Rate (Water=1) | Boiling Point | Freeze Point |
| <17 mm Hg | N/A | Not Available | > 212 F | < 32 F |
| pH | Specific Gravity | Solubility in Water | Coef H2O/oil | % Volatile (by volume) |
| 13.4 | 1.13 | Complete | N/A | 60-100 as water |

| SECTION 10 - Stability & Reactivity Data | |
|--|--|
| Chemical Stability | IF NO, UNDER WHAT CONDITIONS |
| YES <u>X</u> | NO |
| INCOMPATIBLE WITH OTHER SUBSTANCES | IF YES, WHICH ONES? |
| YES <u>X</u> | NO |
| | Strong oxidizing agent and strong acids. |

| HAZARDOUS DECOMPOSITION PRODUCTS | | | |
|--|----------------------|--------------------------|------------------------------------|
| sulfur dioxide, only under extreme conditions. | | | |
| SECTION 11 - Toxicological Information | | | |
| EXPOSURE LIMITS | IRRITANCY of Product | Sensitization to Product | CARCINOGENICITY |
| None known | Skin: Irritant | None known | Not listed by IARC, OSHA, or ACGIH |
| | Eye: Damaging | | |
| 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 |
|---|
|---|

DOT Shipping Name: Sodium Hydroxide Solution
HAZARD CLASS: Corrosive Material ID: UN 1824

| SECTION 15 - Regulatory Information |
|---|
| SARA: Reportable quantity (RQ) for Hydroquinone 5000 lb, Sodium Hydroxide 1000 lb |
| SARA Section 304, CERCLA Hazardous components - Sodium Hydroxide |
| SARA Section 302,304,313 Hazardous components - Hydroquinone |
| 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: | DENT-X IFP FIXER | Catalog #: | 999-2604-100 |
| Product Use: | Photographic fixer | HMIS SCALE: Health 1 | Flammability 0 |
| Supplier: | White Mountain Imaging | Reactivity 0 | PPE C |
| Address: | PO Box 216 Salisbury, NH 03268 | | |
| Phone No.: | 603-648-2124 | Emergency Tel.: | CHEMTREC 800-424-9300 |

SECTION 2 - Hazards Identification

| Precautionary Statement. | Category | | WARNING |
|---|---|-----|----------------|
| | OSHA/GHS | GHS | |
| Skin: May cause mild skin irritation. | n/c | 5 | |
| Eye: Can cause irritation of eyes and mucous membranes. | 2B | 2B | |
| Oral: May be harmful if swallowed | n/c | 5 | |
| EFFECTS OF CHRONIC EXPOSURE TO PRODUCT | | | |
| None known | (n/c: not within OSHA classification limits.) | | |

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 | <15 | not listed | 2890 mg/kg | not available |
| Sodium Sulfite | 7757-83-7 | <2 | not listed | 2825 mg/kg | not available |
| Acetic acid 80% | 64-19-7 | < 1 | ACGIH TWA 10 ppm | 3.3 gm/kg | not available |

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)

Not appropriate

Upper limit % by volume

Not appropriate

Lower limit % by volume

Not appropriate

Auto ignition 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.

PAGE 2.**Product Name:** DENT-X IFP FIXER**Catalog #:** 999-2604-100 999-2604-700**SECTION 8 - Exposure Control**

999-2604-300

VENTILLATION Good general ventilationSKIN Latex or NitrilRESPIRATORY Not normally requiredOTHER Eye wash stationEYE: Splash goggles**SECTION 9 - Physical & Chemical Properties**

| | | |
|---|---|---|
| <u>PHYSICAL STATE</u> Liquid | <u>ODOR & APPEARANCE</u> Clear, light-yellow with slight vinegar odor. | <u>ODOR THRESHOLD</u> Not available |
| <u>VAPOUR PRESSURE</u> (mm-Hg) <17 mm Hg | <u>Vapor Density</u> (Air=1) N/A | <u>Boiling Point</u> > 212 F |
| <u>pH</u> 4.55 | <u>Specific Gravity</u> 1.145 | <u>Freeze Point</u> < 32 F |
| | <u>Solubility in Water</u> Complete | <u>Coef H2O/oil</u> N/A |
| | | <u>% Volatile (by volume)</u> 40-70% |

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 reducing agents & Strong bases.

HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur dioxide & ammonia

REACTIVITY: Stable under ambient pressure & temperature.

SECTION 11 - Toxicological Information

| | | | |
|--------------------------------------|---|---|--|
| <u>EXPOSURE LIMITS</u> None Known | <u>Irritancy of Product</u> Skin: Irritant | <u>Sensitization to Product</u> None known | <u>CARCINOGENICITY</u> Not listed by IARC, OSHA, or ACGIH |
| <u>TERATOGENICITY</u> None Known | <u>REPRODUCTIVE TOXIN</u> Not Known | <u>MUTAGENICITY</u> Not Known | <u>SYNERGISTIC PRODUCTS</u> 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, Acetic acid

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.

PREPARED BY **White Mountain Imaging**PHONE NO **(603)6482124****DATE:** 2/8/2017

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