

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

074829859

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

074829206

**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).**

074828711 074829750 079164000

# SAFETY DATA SHEET

## SECTION 1 - General Information

<b>Product Name: DENT-X IFP DEVELOPER</b>		<b>Catalog #:</b>	
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			
Phone No.: 603-648-2124	Emergency Tel.:	CHEMTREC 800-424-9300	

## SECTION 2 - Hazards Identification

### EFFECTS OF ACUTE EXPOSURE TO PRODUCT

Harmful if swallowed. May cause irritation of eyes.  
Irritation & reddening of skin is possible. May cause dermatitis.  
Irritating to respiratory system if concentrated mist inhaled.

### EFFECTS OF CRONIC EXPOSURE TO PRODUCT

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 Sulfite	7757-83-7	7-13	OSHA TWA 2 mg/m3	318 mg/kg	N/A
Hydroquinone	123-31-9	< 2	OSHA TWA 2 mg/m3	320 mg/kg	N/A
Sodium hydroxide	1310-73-2	< 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. 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)

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.

<b>Page 2</b>	<b>Product Name: DENT-X IFP DEVELOPER</b>	<b>Catalog #:</b>	999-2604-100
<b>SECTION 8 - Exposure Control</b>			999-2604-200

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

**SECTION 9 - Physical & Chemical Properties**

PHYSICAL STATE Liquid	ODOR & APPEARANCE Light yellow solution.			ODOR THRESHOLD Not available
VAPOUR PRESSURE (mm-Hg) <17 mm Hg	Vapor Density (Air=1) N/A	Evaporation Rate (Water=1) Not Available	Boiling Point > 212 F	Freeze Point < 32 F
pH 13.4	Specific Gravity 1.13	Solubility in Water Complete	Coef H20/oil N/A	% Volatile (by volume) 60-100 as water

**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 extreme conditions.

**SECTION 11 - Toxicological In formation**

EXPOSURE LIMITS   None known	Irritancy of Product Skin: Irritant eye & respiratory: 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**

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.

DATE: 6/9/2014

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# SAFETY DATA SHEET

## SECTION 1 - General Information

<b>Product Name:</b> DENT-X IFP FIXER	<b>Catalog #:</b> 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

### EFFECTS OF ACUTE EXPOSURE TO PRODUCT

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

### 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	<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.

<u>FLASH POINT (C/F)</u>	<u>Upper limit % by volume</u>	<u>Lower limit % by volume</u>	<u>Auto ignition Temperature (C/F)</u>
Not appropriate	Not appropriate	Not appropriate	Not appropriate

### HAZARDOUS COMBUSTION PRODUCTS

<u>Explosion Data</u>	<u>Sensitivity to impact</u>	<u>Sensitivity to Static Discharge</u>
"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.

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<b>Product Name:</b> DENT-X IFP FIXER	<b>Catalog #:</b> 999-2604-100
<b>SECTION 8 - Exposure Control</b>	
999-2604-300	

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

**SECTION 9 - Physical & Chemical Properties**

<b>PHYSICAL STATE</b> Liquid	<b>ODOR &amp; APPEARANCE</b> Clear, light-yellow with slight vinegar odor.	<b>ODOR THRESHOLD</b> Not available
<b>VAPOUR PRESSURE (mm-Hg)</b> <17 mm Hg	<b>Vapor Density (Air=1)</b> N/A	<b>Evaporation Rate (Water=1)</b> Not Available
<b>pH</b> 5.3	<b>Specific Gravity</b> 1.140	<b>Solubility in Water</b> Complete
	<b>Boiling Point</b> > 212 F	<b>Freeze Point</b> < 32 F
	<b>Coef H2O/oil</b> N/A	<b>% Volatile (by volume)</b> 40-70%

**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 reducing agents & Strong bases.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Sulfur dioxide & ammonia  
**REACTIVITY:** Stable under ambient pressure & temperature.

**SECTION 11 - Toxicological Information**

<b>EXPOSURE LIMITS</b> None Known	<b>Irritancy of Product</b> Skin: Irritant	<b>Sensation to Product</b> None known	<b>CARCINOGENICITY</b> Not listed by IARC, OSHA, or ACGIH
<b>TERATOGENICITY</b> None Known	<b>REPRODUCTIVE TOXIN</b> Not Known	<b>MUTAGENICITY</b> Not Known	<b>SYNERGISTIC PRODUCTS</b> 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.

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