

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).

074828711

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).

074829750 079164000

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>Sensitation 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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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>	Strong oxidizing agent and strong acids.

SECTION 11 - Toxicological Information			
HAZARDOUS DECOMPOSITION PRODUCTS	sulfur dioxide, only under extreme conditions.		
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.