

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

Product Name: DENT-X IFP DEVELOPER				Catalog #:	
Product Use:	Photographic developer	HMS 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.

	Category	
	OSHA/GHS	GHS
Oral: Harmful if swallowed	4	4
Skin: Causes skin irritation.	2	4
Eye: Causes serious eye damage.	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.

SECTION 8 - Exposure Control

VENTILLATION Good general ventilation

SKIN Latex or Nitril

RESPIRATOR Not normally required

OTHER Eye wash station

EYE: Splash goggles

999-2604-200

999-2604-700

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 H2O/oil N/A	% Volatile (by volume) 60-100 as water

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 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: Damaging	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.

PREPARED BY

White Mountain Imaging

PHONE NO

(603)6482124

DATE: 2/8/2017

SAFETY DATA SHEET

SECTION 1 - General Information

Product Name: DENT-X IFF 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		<u>WARNING</u>
	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.

Product Name: DENT-X IFP FIXER	Catalog #: 999-2604-100	999-2604-700
SECTION 8 - Exposure Control		999-2604-300

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

SECTION 9 - Physical & Chemical Properties				
<u>PHYSICAL STATE</u>	<u>ODOR & APPEARANCE</u>			<u>ODOR THRESHOLD</u>
Liquid	Clear, light-yellow with slight vinegar odor.			Not available
<u>VAPOUR PRESSURE (mm-Hg)</u>	<u>Vapor Density (Air=1)</u>	<u>Evaporation Rate (Water=1)</u>	<u>Boiling Point</u>	<u>Freeze Point</u>
<17 mm Hg	N/A	Not Available	> 212 F	< 32 F
<u>pH</u>	<u>Specific Gravity</u>	<u>Solubility in Water</u>	<u>Coef H2O/oil</u>	<u>% Volatile (by volume)</u>
4.55	1.145	Complete	N/A	40-70%

SECTION 10 - Stability & Reactivity Data	
Chemical Stability	IF NO, UNDER WHAT CONDITIONS
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
INCOMPATIBLE WITH OTHER SUBSTANCES	IF YES, WHICH ONES?
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	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>	<u>Irritancy of Product</u>	<u>Sensitization to Product</u>	<u>CARCINOGENICITY</u>
None Known	Skin: Irritant	None known	Not listed by IARC, OSHA, or ACGIH
<u>TERATOGENICITY</u>	<u>REPRODUCTIVE TOXIN</u>	<u>MUTAGENICITY</u>	<u>SYNERGISTIC PRODUCTS</u>
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, 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.