SAFETY DATA SHEETS

This SDS packet was issued with item: 075365622

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

075365507 075365515 077324544

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).

075365598 075365606 075365614

MATERIAL SAFETY DATA SHEET

SECTION 1 - General Information

PRODUCT NAME ABXTM Developer Premixed

PRODUCT USE	Photographic solution		HMIS SCAI	E HEALTH	1 FLAMMABILITY	0 REACTIVITY	0 PPE C
SUPPLIER	White Mountain Imaging			catalog # NS-204 N	IS-324		
ADDRESS	PO Box 216 Salisbury NH ()3268					
PHONE NO.	603-648-2124 EMERGENCY T	EL # CHEMTREC 800	-424-9300				
	SECTION 2 - Pr	oduct and Haz	ardous	Ingredie	ents Infor	nation	
Н	AZARDOUS INGREDIENTS	CAS NUMBER	W/W %		xposure Limit	LD50	LC50
Water		7732-18-5	85-95	not listed		42.6 gm/kg	not available
Hydroquin	ione	123-31-9	<2	OSHA TW	A 2 mg/m3	320 mg/kg	not available
Sodium m	etabisulfite	7681-57-4	<3	NIOSH TW	/A 5 mg/m3	2000 mg/kg	not available
Potassium	hydroxide	1310-58-3	<3	NIOSH (C)	2 mg/m3	365 mg/kg	not available
	SE	CTION 3 - Haz	vards Id	entificat	ion		

EFFECTS OF ACUTE EXPOSURE TO PRODUCT

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

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT None known

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.

DO NOT induce vomiting. Seek medical attention immediately.

INHALATION

If inhaled, remove to fresh air.

SECTION 5 - Fire Fighting Measures

FLAMMABILITY YES NO X IF YES, UNDER WHAT CONDITIONS

MEANS OF EXTINCTION

As needed to extinguish adjacent fire source.

FLASHPOINT (°C) AND METHOD	UPPER FLAMMABLE LIMIT (% BY VOLUME)	Y VOLUME) LOWER FLAMMABLE LIMIT (% BY VOLUME)		AUTOIGNITION TEMPERATURE (°C)	
Not appropriate	Not appropriate	Not appropriate		Not appropriate	
HAZARDOUS COMBUSTION PRODUCT	S	EXPLOSION DATA	SENSITIVITY TO IMPACT	SENSITIVITY TO STATIC DISCHARGE	
See "Hazardous D	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, material 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.

ABX™ Developer Premixed

VENTIATION	Good general ventilation.		
SKIN	Latex or nitrile	EYE	Splash goggles

RESPIRATORY Not normally required

OTHER Eye wash station

	SECTION 9) - Physical and (Chemical Proper	ties			
PHYSICAL STATE ODOR AND APPEARANCE ODOR THRESHOLD							
Liquid	Pale red odorless I	Not available					
VAPOUR PRESSURE (mmHg)	VAPOUR DENSITY (Air = 1)	EVAPORATION RATE (Water = 1)	BOILING POINT	FREEZING POINT			
< 17 mm Hg	0.6 mm Hg	Not available	> 212°F	< 32°F			
рН	SPECIFIC GRAVITY	SOLUBILITY IN WATER (20°C)	COEFF WATER OIL	PERCENT VOLATILE (BY VOLUME)			
10.20	1.060	Complete	Not available	90-95%			
	SECTION	10 - Stability an	d Reactivity Dat	ta			
CHEMICAL STABILITY YES X NO	IF NO, UNDER WHAT C Mixing with f	ixer will cause ammoni	ia gas. This will dissipat	te quickly as pH is neutralized.			
INCOMPATIBILITY WITH OTHER SUBSTANCES IF YES, WHICH ONES?							
REACTIVITY, AND UNDER WHAT CONDI	Stable under a	ambient pressure and te	emperature.				
HAZARDOUS DECOMPOSITION PRODU	None known						
	SECTION 1	1 - Toxicological	Information				
EXPOSURE LIMITS	IRRITA	NCY OF PRODUCT	SENSITIZATION TO PRODUCT	CARCINOGENICITY			
Hydroquinone 2 mg/m3 None known None knowr		None known	Not listed by IARC,				
Potassium hydroxide 2 mg/m3 OSHA or ACGIH.							
TERATOGENICITY	REPRO	DUCTIVE TOXICITY	MUTAGENICITY	SYNERGISTIC PRODUCTS			
Not known	Ν	lot 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 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 MSDS 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 NUMBER 603-228-5222

May 8, 2013

NS-204 NS-324

SAFETY DATA SHEET **SECTION 1 - General Information** PRODUCT NAME **ABXTM Fixer Premixed** Photographic Solution HMIS SCALE: Health 1 Flamability **0** Reactivity 0 PPE PRODUCT USE White Mountain Imaging CATALOG #: SUPPLIER PO Box 216 Salisbury, NH 03268 NS-204, NS-324 ADDRESS 603-648-2124 CHEMTREC 800-424-9300 EMERGENCY TEL # PHONE NO **SECTION 2 - Hazards Identification** Category WARNING Precautionary Statement. OSHA/GHS GHS 5 Skin: May cause mild skin irritation and or reaction. n/c Eye: Can cause irritation of eyes and mucous membranes. 2B 2B n/c 5 Oral: May be harmful if swallowed EFFECTS OF CRONIC EXPOSURE TO PRODUCT None known. (n/c: not within OSHA classification limits.) SECTION 3 - Product & Hazardous Ingredients Information HAZARDOUS INGREDIENTS Permissible Exposure Limit CAS NUMBER W/W % LD50 42.6 gm/kg Water 7732-18-5 90-95 Not listed 2890 mg/kg Ammonium Thiosulfate 7783-18-8 8-12 Not listed Sodium Sulfite Not listed 7757-83-7 2825 mg/kg <2 Sodium Acetate 127-09-03 < 2 Not listed 3530 mg/kg **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. INHAI ATION If inhaled, remove to fresh air. **SECTION 5 - Fire Fighting Measures** Flamability YES NO Х IF YES UNDER WHAT CONDITIONS MEANS OF EXTINGUISHING

As needed to extinguish adjacent fire source.

FLASH POINT (C/F) AND METHOD Not appropriate	UPPER LIMIT (% BY VOLUME) Not appropriate	LOWER LIMIT (% BY VOLUME) Not appropriate	AUTOIGNITION TEMPERATURE (C/F)			
HAZARDOUS COMBUSTION PRODUCTS "See Hazardous Decomposition	n Products"	EXPLOSION DATA SENSITIVITY TO IMPACT	SENSITIVITY TO STATIC DISCHARGE Not susceptable			
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.

С

ABX_{TM} Fixer Premixed

		SECTIO	N 8 - Exposure Controls				
VENTILLATION SKIN	Good genera Latex or nitril		EYE: Splash goggles	E: Splash goggles RESPIRATORY			
OTHER	Eye wash sta						
		SECTION 9 - P	hysical & Chemical Properti	es			
PHYSICAL STATE ODOR & APPEARANCE Liquid Light Blue liquid with slight vinegar odor.					odor threshold Not available		
VAPOR PRESSURE (n <17 n	^{nm-Hg)} nm Hg	VAPOR DENSITY (Air=1) 0.6 mm Hg	EVAPORATION RATE (Water=1) Not Available	BOILING POINT > 212 F	FREEZING POINT < 32 F		
_{рн} 4.4	10	SPECIFIC GRAVITY 1.085	SOLUBILITY IN WATER	COEFF WATER/OIL	%VOLATOILE (BY VOLUME) 80-90% as water		
		SECTION 10	- Stability & Reactivity Data	l			
CHEMICAL STABILITY	CHEMICAL STABILITY IF NO, UNDER WHAT CONDITIONS						
INCOMPATABLE WITH	HOTHER SUBSTANCES	- /	ICH ONES? Jucing agents & Strong bases.				
REACTIVITY AND UND	DER WHAT CONDITIONS	Stable und	der ambient pressure and temp	perature			
HAZARDOUS DECOM	POSITION PRODUCTS	Sulfur dic	oxide & ammonia				
		SECTION 11	- Toxicological In formation	l			
EXPOSURE L	LIMITS	IRRITANCY OF PRODUCT	SENSITIZATION TO PRO	SENSITIZATION TO PRODUCT			
None known Skin: Irritant		Skin: Irritant	None know	None known			
TERATOGEN	NICITY	REPRODUCTIVE TOXICITY	MUTAGENICITY		SYNERGISTIC PRODUCTS		
None Kn	own	Not Known	None know	None known			
		SECTION 1	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.

PREPARED BY White Mountain Imaging NS-204, NS-324 PHONE NO 603-648-2124

SAFETY DATA SHEET

Г

SECTION 1 - General Information

PRODUCT NAME	ABXTM Dev	eloper Premi	xed						
PRODUCT USE	Photographic	c Solution		HMIS SCALE:	Health 1	Flamability 0	Reactivity 0	PPE	С
SUPPLIER	White Mountain Imaging				CATALOG #:				
ADDRESS	PO Box 216 Salisbury, NH 03268				NS-204, NS-324				
PHONE NO	603-648-2124		GENCY TEL #	CHEMTREC 80	0-424-9300	_	,		
			SECTION 2 -	Hazards Identi	ification	·			
Precautionar	y Statement.			Catego	ory				
				OSHA/GHS	<u>GHS</u>		<u>WARNING</u>		
	harmful if swalld			n/c	5				
Skin: May cau	use mild skin irri	tation or reaction	on.	n/c	5				
Eye: May cau	se eye irritation			2B	2B				
EFFECTS OF CRONIC	C EXPOSURE TO PRODU	JCT							
None known.				(n/c: not within O	SHA classifica	tion limits.)			
		SECTION 3	- Product & H	Hazardous Ingr	edients Inf	ormation			
	INGREDIENTS	CAS NUMBER	W/W %	Permis	sible Exposu	re l imit	LD50		
TIAZARDOUG	INGREDIENTS	CAS NOMBER	¥¥/¥¥ /0	F en ins:			LDSU		
Water		7732-18-5	75-85	Not listed			42.6gm/kg		
Sodium metal	hisulfite	7681-57-4	< 4	NOIOSH TWA 5 mg/m3			2000 mg/kg		
Hydroquinone		123-31-9	< 2	OSHA TWA 2 mg/m3			375 mg/kg		
Potassium hy		1310-58-3	< 3	NIOSH © 2mg			365 mg/kg		
,			-)		3 3		
			SECTION 4	- First Aid Mea	asures				
skin contact Wash expose	d skin thorough	ly with soap an	d water. If irrit	ation persists se	eek medical	advice.			
eye contact Flush eyes wi	th water for 15	minutes. Seek r	nedical advice	e if symptoms p	ersist.				
INGESTION DO NOT indu	ce vomiting. Se	ek medical atte	ntion immedia	ately.					
INHALATION									
If inhaled, ren	nove to fresh air								
		;	SECTION 5 -	Fire Fighting M	leasures				
Flamability	YES			WHAT CONDITION					
MEANS OF EXTINGU	вніма extinguish adja	cent fire source							
	guiori aaja		-						
FLASH POINT (C/F) A	ND METHOD	UPF	PER LIMIT (% BY VOL	.UME) LOWEI	R LIMIT (% BY VO	LUME)	AUTOIGNITION TEN		E (C/F)
Not appropria		I	Not appropriat	•	ot appropria		Not appr		
HAZARDOUS COMBL			· · ·		ATA SENSITIVI		SENSITIVITY TO ST		
	Hazardous Dec	omposition Pro	ducts"		ot susceptat		Not susc		
		- 1		- Accidental R					
	r with plants of	unton if normality -					th any other and the		
Flush to sewe	r with plenty of v	vater, it permitte	a. If not, soak	up with dry abso	proent mater	rial. Consult wi	th governmenta	al	

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.

ABX Developer Premixed	Cat#: NS-2014, NS-324				
	SECTION 8	- Exposure Controls			
VENTILLATIONGood generalSKINLatex or nitrilOTHEREye wash state	e eye:	Splash goggles RESPIRATORY		Not normally required	
	SECTION 9 - Physi	cal & Chemical Properti	es		
PHYSICAL STATE	ODOR & APPEARANCE Light red, odorless solution.			odor threshold	
VAPOR PRESSURE (mm-Hg)	VAPOR DENSITY (Air=1) 0.6 mm Hg	EVAPORATION RATE (Water=1) Not Available	BOILING POINT > 212 F	FREEZING POINT < 32 F	
_{рН} 10.20	SPECIFIC GRAVITY 1.08	SOLUBILITY IN WATER	COEFF WATER/OIL	%VOLATOILE (BY VOLUME) 80-90% as water	
	SECTION 10 - St	ability & Reactivity Data	l		
CHEMICAL STABILITY YES X	IF NO, UNDER W	HAT CONDITIONS			
INCOMPATABLE WITH OTHER SUBSTANCES YES X	IF YES, WHICH C	DNES? Ig agent and strong acids.			
REACTIVITY AND UNDER WHAT CONDITIONS	Stable under a	mbient pressure and temp	perature		
HAZARDOUS DECOMPOSITION PRODUCTS	None				
	SECTION 11 - To	xicological In formation	1		
EXPOSURE LIMITS	IRRITANCY OF PRODUCT	SENSITIZATION TO PRO	DDUCT	CARCINOGENICITY	
None known Skin: Irritant		None known		Not listed by IARC, OSHA, or ACGIH	
TERATOGENICITY	REPRODUCTIVE TOXICITY	MUTAGENICITY	SYNERGISTIC PRODUCTS		
None Known	Not Known	None know	n	None known	
	SECTION 12 - I	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.