Cat. No. 05-0010

For a general reduction of negative fog, dilute We ring Solution A with an equal volume of water and use the above ...cedure.



FORMULARY INC

PO Box 950 • Condon MT 59826 • 406-754-2891 • FAX .) 6-754-2896 E-MAIL formulary @montana.com

PHOTOGRAPHERS' INC

PO Box 950 • Condon MT 59826 • 406-754-2891 • FAX 406-754-2896 E-MAIL formulary@montana.com

FORMULARY REDUCER 1 FOR NEGATIVES

To make 1/2 liter of potassium ferricyanide solution and 2 liters of sodium thiosulfate (hypo) solution.

The chemicals in Reducer 1 are used to prepare two stock solutions. Depending on how the stock solutions are mixed and used, Reducer 1 can be used for either sub-proportional or proportional negative reduction. Sub-proportional reduction removes silver density from the low-density areas faster than from the high-density areas, thus increasing the negative's contrast. Proportional reduction removes silver density from all areas, thus improving overdeveloped negatives.

Using a reducer correctly is an art and requires experience. We strongly urge you to practice with this reducer using scrap negatives before attempting reduction of a negative of value.

CHEMICALS CONTAINED IN THIS KIT

Chemical	Amount
de .	37.5 g
Sodium thiosulfate, anhydrous	370 g

CHEMICAL SAFETY

All chemicals are dangerous and must be treated with respect. Please read the chemical warnings on each package. None of the chemicals in Reducer 1 need special attention.

POTASSIUM FERRICYANIDE: In spite of the fact that this compound contains cyanide, it is not particularly toxic. The reason is that the cyanide groups are bound to the iron atom and are not free to act as a poison.

Consult with local sewer and water authorities regarding propen disposal of darkroom chemicals in your area.

The user assumes all risks upon accepting these chemicals. IF FOR ANY REASON YOU DO NOT WISH TO ASSUME ALL RISKS, PLEASE RETURN THE CHEMICALS WITHIN 30 DAYS FOR A FULL REFUND.

PHOTOGRAPHERS'



Material Safety Data Sheet
May be used to comply with OSHA's Hazard
Communication Standard, 29 CFR 1910 1200. Standard
must be consulted for specific requirements

U.S. Department of Labor Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072

Potassium Ferricyanid	le		popheente or no <mark>in</mark> nucr be medied to	fomention le projectile. Einologie that	nos absocia		
Section I		1 r	~~				
Manufacturers /DistributorAddress Number Street City State and Zip Code			Telephone Number				
Columbus Chemical Industries			CHEMTREC 1-800-424-9300 Telephone Number for Information				
N4335 Temkin Rd			3-2140				
Columbus, WI 53925-0008			Date Prepared				
		12-20-2004					
	Signature of Preparer (optional)						
Section II - Hazardous Ingredients/Identity Informati	on		I/ADI/ANI// S/A/A/A/MINEJIA/M JIAMA SA/AIRS				
Hazardous Components (Specific Chemical Identity, Common Name(s)	CAS#	OSHA PEL	ACGIH TI	Other Limits LV Recommende			
Potassium Ferricyanide 1:	3746-66-2	Not availab	le Not avail	_{able} Not availa	ble >98%		
77 A							
1 ·							
					··········		
	war -						
	transmit a	•					
	almininkalisti si ja ja avanda avanda ili endodos poolesti savatharja teet tarmini seed	erice to Addition in his medical false in grave sus entirely had some	HAVveetitti Allandi ali Allandi Hayetii HAASSeetii Aaledoi (aaliska	anta Arabian 12 antan Arta araban 12 antan 12 a			
Section III - Physical/Chemical Characteristics					on the contract of the contrac		
Boiling Point	Not available	Specific Gravit	y (H ₂ O = 1)		Not Applicable		
Vapor Pressure (mm Hg)		Melting Point					
Year of Constitution (ALD - 4)	Not Available	Evaporation R	ate (Butyl Acetate =		Decomposes		
Vapor Density (AIR = 1)	Not Available	a oporation	210 (220) / 1001010		Not Available		
Solubility in Water			,				
soluble Appearance and Odor							
Red crystalline powder	reas universitation material and a material and the state of the state	December of the second		varioso issuosi illinoisi illinoisi suomaini makalainin kaleinin ministä	ident til eggen stagen mannen skriver i stagen skriver skriver skriver skriver skriver skriver skriver skriver		
Section IV Fire and Explosion Hazard Data		1 .					
Flash Point (Method Used)		Flamn	nable Limits	LEL Nach aus Carble	UEL Nationalia		
Non Flammable Extinguishing Media		J		Not applicable	Not applicable		
Suitable to extinguish the supporting flame. V	Vater spray, dry	chemical, d	carbon dioxide	, alcohol foam.			
Special Fire Fighting Procedures		/MOLIA			apparatus		
In the event of a fire, wear full protective cloth with full facepiece operated in the pressure de				named breathing	apparatus		
Unusual Fire and Explosion Hazards DANGER! emits toxic fumes of cyanides under		-	sasure mode.	···			

————————————————————————————————————			,	Marie Control of the		mich yang di Alian di			
Section V Reactivity Data	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED AND ADDRESS		, <u>, , , , , , , , , , , , , , , , , , </u>	Conditions to Avoid	Unknown				
Stability	Unstable	X			-1				
incompatibility Materials to A	Stable	<u>, , , , , , , , , , , , , , , , , , , </u>			1.000				
acids, ammonia, light									
Hazardous Decomposition or	Byproducts								
Cyanides, Ņitrogen o	xides		Conditions to	- Avoid					
Hazardous Polymerization	May Occur		1						
	Will Not Occu	r I X	<u> </u>						
Section VI Health Hazard	l Data		Autoga <u>y (</u> 100)	Skin?		Ingestion ?			
Routes of Entry		Inhalation ? Yes		Yes		Yes			
Multiple Health Hazards (Acute a	ad Chroniol	165		100					
Health Hazards (Acute at	use irritation	INHALATION: Cau	ise irritatio	on of the mucous membra	nes and uppe	er respiratory			
				<u> </u>					
tract. INGESTION: N	nay cause dige	Suve tract irritation	•						
1.		NTP		IARC Monographs	OSH	A REGULATED?			
Carcinogenicity		Not Listed		Not Listed		Not Listed			
Signs and Symtoms of E	xposure.	NOT LISTER							
Figure consolative to	mucoue membro	ines of eves and upp	er respirat	tory tract. Itching, redness, s	taining, swellin	ig of			
exposed fissues, col	uahina, shortne	ss of breath. Inge	stion may	cause gastrointestinal pa	in, diarrhea, ı	nausea and			
'				AND					
Medical Conditions Generally Aggravated by Exposure	Not Ava	liable							
			فدو جالمات	th water provided person	ie conscious	Call a			
Emergency and First Aid Pr	ocedures <u>INGE</u>	STION: Wash out	mouth wi	th water provided person	rospiration If	hreathing			
physician immediate	ly. INHALATIC	N: Remove to fres	sh air. If n	ot breathing give artificial	inated clothin	a. call a			
is difficult, give oxyge	en. SKIN: Flus	h with water for at	least 15 i	minutes. Remove contam	and upper ev	g, oan a elids			
			or at leas	t 15 minutes, lifting lower	and upper cy	Chao.			
Section VII Precautions	The state of the s		·····		······································	Market the control of			
Steps to be Taken in Case It is Released or Spilled	^{flaterial} Evacua	te unprotected per	sonnel fro	om area. Ventilate area. '	Wear self-cor	tained breathing			
annaratus rubber bo	oots, heavy pro	tective gloves and	chemical	safety goggles. Transfer	into closed co	ontainer.			
Ventilate and wash	bill area when	complete.							
Waste Disposal Method	Dispose of spill	age, empty contair	ners, and	other materials used for c	lean up in ac	cordance with			
sali Fodorol etato ar	nd local requiat	ions			-				
Precautions to be Taken C	tore in a cool	drv. well-ventilated	l area in t	ightly-closed, plainly-label	led container	s. Store in a			
registant container	Protect against	moisture, physica	l damage	and light. Maintain adequ	uate ventilatio	on. Wash thoroughly			
after handling. Do r	not ingest or bre	eathe vapors. Prof	tect expo	sed tissues.					
and manage 201	ainers even wh	nen empty will reta	ain residu	e and vapors. Always obe	ey hazard wa	rnings and			
handle empty conta	inore as if they	were full							
Section VII Control Mea		WOIC IOII.	***************************************	and a management of the second		- Communication of the Communi			
		CU/MCHA_approv	zed resni	rator with dust/mist cartrid	ae.				
Respiratory Protection (Sp		OI II WOI IA-appior	vod rospii	special Eye wash					
Lucai Exi	naust Required			other Safety Sho					
Mechanic	al (General) Red	commended.				0			
Protective Gloves App	ropriate Chem	ical Resistant		Eye Protection Che	mical Safety	Goggles			
Other Protective Clothin	g or Equipment	Rubber apron, boot	s						
Work /Hygienic Practice	s Do NOT we:	ar contact lenses.	Wash the	oroughly after handling. Av	void eye and	skin contact.			
 .∀Avoid breathing va	pors. Follow s	afe handling and la	aboratory	practices. Wash hands p	rior to eating	or smoking.			
7 Word broading va									

Avoid prolonged or repeated contact.

Columbus Chemical Industries, Inc. ("Columbus") believes that the information herein is factual but it is not intended to be all inclusive. The information relates only to the specific Material designated and does not relate to its use in combination with other materials or its use as to any particular process. Because safety standards and regulations are subject to change and because Columbus has no does not relate to its use in combination with other materials or its use as to any particular process. Because safety standards and regulations are subject to change and because Columbus has no does not relate to its use in combination with other materials or its use as to any particular process. Because safety standards and regulations are subject to change and because Columbus has no does not relate to its use in combination with other materials or its use as to any particular process. Because safety standards and regulations are subject to change and because Columbus has no does not relate to its use in combination or gentling of the material designated and regulations are subject to change and because Columbus has no does not relate to its use in combination or gentling control over the Material, those handling, storing or using the Material should satisfy themselves that they have current information regarding the specific Material designated and regulations are subject to change and because Columbus has no does not relate to its use in combination or gentling control over the Material Industries.

When the process is not proved to the specific Material and regulations are subject to change and because Columbus has no does not relate to its intended to be all inclusive. The information relates only to the specific Material thoughts are subject to change and because Columbus has no does not relate to its inclusive.

MSDS NO: 67671

UNIVAR USA INC.

MATERIAL SAFETY DATA SHEET

MAINFRAME UPLOAD DATE: 05/16/06

TY NATA SHEET

DATE: 05/16/06 VERSION: 001

PRODUCT: SODIUM THIOSULFATE ANHYDROUS AND SODIUM THIOSULFATE PENTAHYDRATE

ORDER NO: 248376 PROD NO: 743056

PAGE: 002

Bistribution: UNIVAR 17425 NE Union Hill Road Redmond WA 98052

FOR EMERGENCY IN USA, CALL CHEMTREC:

800-424-9300

(24 Hours/Day, 7 Days/Week)

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME
Sodium thiosulfate
Sodium thiosulfate pentahydrate

CAS NUMBER

WEIGHT %

7772-98-7

199 (anhydrous)

10102-17-7

199 (pentahydrate)

Trace impurities and additional material names not listed above may appear in Section 15 of this MSOS. These materials may be listed for local "Right-To-Know" compliance and for other reasons.

OSHA Hazard Communication Standard: This product is considered hazardous under the OSHA Hazard Communication Standard.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Odorless, clear to white crystals or granules which may irritate the skin and respiratory tract. May cause irritation and/or burns to the eyes. Reacts with acids to form toxic and irritating sulfur dioxide gas and/or hydrogen sulfide gas. Not flammable.

POTENTIAL HEALTH HAZAKUS

SKIN: Dust, solutions or mist may cause skin irritation from repeated or prolonged contact.

EYES: Dust, solutions or mist may irritate or burn the eyes and cause temporary conjunctivitis.

INHALATION: Inhalation of product dust or mist may irritate the respiratory tract. Contact with acids releases sulfur dioxide and/or hydrogen sulfide gas which may be harmful or deadly if inhaled.

: INGESTION: Ingestion may cause irritation of the gastrointestinal tract and purging, if a large quantity is ingested. Relatively low in acute toxicity.

DELAYED EFFECTS: None known.

Ingredients found on one of the three OSHA designated carcinogen lists are

10-1360 - 1370

REPORT NUMBER: 703 MSDS NO: 67671 UNIVAR USA INC.

MATERIAL SAFETY DATA SHEET

MAINFRAME UPLOAD DATE: 05/16/06

VERSION: 001

PRODUCT: SODIUM THIOSULFATE ANHYDROUS AND SODIUM THIOSULFATE PENTAHYDRATE

ORDER NO: 248376 PROD NO: 743056

PHOTOGRAPHERS FORMULARY CALL IN ADVANCE TO MEET HOLD ON REDDAWAY DOCK 7180 KESTREL DRIVE MISSOULA ,MT 59808

UNIVAR USA INC.

17425 NE UNION HILL RD , REDMOND

(425)889-3400

, WA 98052

----- EMERGENCY ASSISTANCE ----

FOR EMERGENCY ASSISTANCE INVOLVING CHEMICALS CALL - CHEMITREC (800)424-9300

PRODUCT NAME:

SODIUM THIOSULFATE ANHYDROUS AND SODIUM

THIOSULFATE PENTAHYDRATE

MSDS NUMBER:

67671

DATE ISSUED:

09/01/2004

SUPERSEDES:

NEW

ISSUED BY:

001487

Material Safety Data Sheet

..... 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAMES:

SODIUM THIOSULFATE ANHYDROUS AND SODIUM THIOSULFATE PENTAHYDRATE

OTHER/GENERIC NAMES: Sodium Thiosulfate Anhydrous, Sodium Hyposulfite; "hypo"; Sodium Thiosulfate Crystal; Prismatic Rice

PRODUCT USE: Photo processing, water treatment, waste treatment, paper manufacture, other industrial processes.

REPORT NUMBER: 703 MSDS NO: 67671 UNIVAR USA INC.

MATERIAL SAFETY DATA SHEET

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VERSION: 001

PAGE: 004

PRODUCT: SODIUM THIOSULFATE ANHYDROUS AND SODIUM THIOSULFATE PENTAHYDRATE

ORDER NO: 248376 PROD NO: 743056

IN CASE OF SPILL OR OTHER RELEASE: (See section 8 for recommended personal protective equipment.) Promptly shovel or sweep up material with minimum dusting and shovel into an empty container with a cover. Cautiously spray residue with plenty of water.

Spills and releases may have to be reported to Federal and/or local authorities. See Section 15 regarding reporting requirements.

7. HANGLING AND STORAGE

NORMAL HANDLING: (See section 8 for recommended personal protective equipment.)

Avoid contact with skin, eyes and clothing. Do not breathe dust or mist. Use with adequate ventilation. Wash thoroughly after handling.

If dissolving and mixing solutions: with anhydrous material, the reaction is exothermic and the solution will retain heat; with the hydrate (crystal) material, the reaction is endothermic and the solution will cool.

STORAGE RECOMMENDATIONS:

Store in a cool, dry, well-ventilated area away from acids and exidizing agents. Keep container closed when not in use and protect from physical damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Provide local exhaust if dusty or misty conditions exist or if there is a release of sulfur dioxide and/or hydrogen sulfide gas. Keep incompatible waterials out of hooss, ducts, etc.

PERSONAL PROTECTIVE EQUIPMENT

SKIN PROTECTION: For handling dry material, wear cotton gloves and full work clothing, including long-sleeved shirt and trousers. When handling solutions, wear impervious gloves and an apron. If contact with the solution is repeated and/or prolonged, wear full impervious clothing.

EYE PROTECTION: Wear a hard hat (or other head covering) and chemical safety glasses/goggles. Do not wear contact lenses.

RESPIRATORY PROTECTION: Where required, use a NIOSH-approved respirator for dust, mist, sulfur dioxide and/or hydrogen sulfide gas, as conditions indicate. If sulfur dioxide and/or hydrogen sulfide gas should be released, use a NIOSH-approved self-contained breathing apparatus or supplied-air respirator.

MSDS NO: 67671

UNIVAR USA INC.

MATERIAL SAFETY DATA SHEET

MAINFRAME UPLOAD DATE: 05/16/06

PAGE: 003

VERSION: 001

PRODUCT: SODIUM THIOSULFATE ANHYDROUS AND SODIUM THIOSULFATE PENTAHYDRATE

ORDER NO: 248376 PROD NO: 743056

listed below.

INGREDIENT NAME NTP STATUS IARC STATUS OSHA LIST No ingredients listed in this section.

4. FIRST AID MEASURES

SKIN: Wash skin with plenty of soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation persists.

EYES: Flush eyes immediately with water for at least 15 minutes. Get medical attention if irritation persists.

INHALATION: Promptly remove to fresh air. If breathing is difficult, give oxygem, provided a qualified operator is available. If symptoms persist, get medical attention.

INGESTION: If conscious, immediately give 2 to 4 glasses of water and induce vomiting by touching finger to back of throat. If irritation persists, get medical attention.

ADVICE TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT:

FLASH POINT METHOD:

AUTOIGNITION TENTEND: UNC:

UPPER FLAME LIMIT (volume % in air):

LOWER FLAME LIMIT (volume % in air):

FLAME PROPAGATION RATE (solids):

OSHA FLAMMABILITY CLASS:

Not applicable

Not applicable

EXTINGUISHING MEDIA:

Material is not flammable. Use extinguishing media appropriate for material in surrounding fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

SPECIAL FIRE FIGHTING PRECAUTIONS/INSTRUCTIONS:

Wear NIOSH-approved self-contained breathing apparatus to protect against any release of toxic and/or irritating fumes. Skin and eye protection should also be provided. Use water-spray to keep fire-exposed containers cool, and to knock down fumes.

4. ACCIDENTAL RELEASE MEASURES

UNIVAR USA INC.

MATERIAL SAFETY DATA SHEET

MSDS NO: 67671

MAINFRAME UPLOAD DATE: 05/16/06

VERSION: 001

PAGE: 006

PRODUCT: SOGIUM THIOSULFATE ANHYDROUS AND SODIUM THIOSULFATE PENTAHYDRATE

ORDER NO: 248376 PROD NO: 743056

Strong exidizers: causes vigorous exothermic reactions. Acids: releases sulfur dioxide and/or hydrogen sulfide gas.

HAZARDOUS DECOMPOSITION PRODUCTS:

Sulfur dioxide gas, hydrogen sulfide gas and sodium sulfide residue.

HAZARDOUS POLYMERIZATION:

Will not occur.

11. TOXICOLOGICAL INFORMATION

IMMEDIATE (ACUTE) EFFECTS: Bata not available.

OELAYEO (SUBCHRONIC AND CHRONIC) EFFECTS: Data not available.

OTHER DATA: None,

12, ECOLOGICAL INFORMATION

Data not available.

13. DISPOSAL CONSIDERATIONS

Is the unused product a RCRA hazardous waste if If yes, the RCRA ID number discarded? No

is: Not applicable.

WHER DISPOSAL CONSIDERATIONS:

Dispose of in accordance with applicable Federal, State and Local 🐇 regulations.

The information offered in section 13 is for the product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

14. TRANSPORT INFORMATION

US DOT HAZARD CLASS: Not regulated. US DOT ID NUMBER: Not applicable. PROPER SHIPPING NAME: Not applicable.

For additional information on shipping regulations affecting this material, contact the information number found in Section 1.

MSDS NO: 67671

UNIVAR USA INC.

MATERIAL SAFETY DATA SHEET

MAINFRAME UPLOAD DATE: 05/16/06

PAGE: 005

VERSION: 001

PRODUCT: SODIUM THIOSULFATE ANHYDROUS AND SODIUM THIOSULFATE PENTAHYDRATE

OROER NO: 248376 PROD NO: 743056

ADDITIONAL RECOMMENDATIONS: Eyewash and safety shower are recommended.

EXPOSURE GUIDELINES

INGREDIENT NAME

ACGIH TLV

OSHA PEL

OTHER LIMIT

No ingredients listed in this section.

OTHER EXPOSURE LIMITS FOR POTENTIAL DECOMPOSITION PRODUCTS:

Sulfur dioxide: OSHA TWA = 5 ppm;

ACGIH TLV = 2 ppm;

ACGIH STEL = 5 ppm.

Hydrogen sulfide:

OSHA Ceiling = 20 ppm; ACGIH TLV = 10 ppm;

ACGIH STEL = 15 ppm.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Clear to White granules or crystals.

PHYSICAL STATE:

MOLECULAR WEIGHT:

158.11 (anhydrous)

248.18 (pentahydrate)

CHEMICAL FORMULA:

Na29203 (anhydrous)

HYDRATED FORMULA:

Na2S203 5H20 (pentahydrate)

000R:

Odorless.

Selid.

SPECIFIC GRAVITY (water = 1.0): 1.667 (anhydrous)

riody validyddioddy

1.685 (pentahydrate)

SOLUBILITY IN WATER (weight =

33 @ 0 deg. C (amhydraus

1.05

52 @ 0 deg. C (pentahydraie

pH: BOILING POINT: -8.6 (7.5% solution; anhydrous)

MELTING POINT:

Not applicable, 48 deg C (pentahydrate)

VAPOR PRESSURE:

Not applicable.

VAPOR DENSITY (air = 1.0):

Not applicable.

EVAPORATION RATE:

Not applicable.

-COMPARED TO: Not applicable,

× VOLATILES:

Not applicable.

FLASH POINT:

Not flammable,

(Flash point method and additional flammability data are found in Section 5.)

- 10. STABILITY AND REACTIVITY

NORMALLY STABLE? (CONDITIONS TO AVOID):

Normally stable.

INCOMPATIBILITIES:

UNIVAR USA INC.

MSOS NO: 67671

MATERIAL SAFETY DATA SHEET

MAINFRAME UPLOAD DATE: 05/16/06

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VERSION: 001

PRODUCT: SOCIUM THIOSULFATE ANHYDROUS AND SOCIUM THIOSULFATE PENTAHYDRATE

ORDER NO: 248376 PROD NO: 743056

15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA)

TSCA INVENTORY STATUS: All components are listed on TSCA Inventory of

Chemical Substances.

OTHER TSCA ISSUES:

Mone.

SARA TITLE III/CERCLA

"Reportable Quantities" (RQs) and/or "Threshold Planning Quantities" (TPQs) exist for the following ingredients.

INGREDIENT NAME

SARA/CERCLA RQ (1b) SARA EHS TPQ (1b)

No ingredients listed in this section.

Spills or releases resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center £(800) 424-88021 and to your Local Emergency Planning Committee.

SECTION 311 HAZARD CLASS:

Immediate.

SARA 313 TOXIC CHEMICALS:

The following ingredients are SARA 313 "Toxic Chemicals" and may be subject to annual reporting requirements. CAS numbers and weight percents are found in Section 2.

INGREDIENT NAME

COMMENT.

Moringredients listed in this section.

STATE RIGHT-TO-KNOW

In addition to the ingredients found in Section 2, the following are listed for state right-to-know purposes.

INGREDIENT NAME

WEIGHT % COMMENT

No ingredients listed in this section.

ADDITIONAL REGULATORY INFORMATION:

WHMIS CLASSIFICATION (CANADA):

028

FOREIGN CHEMICAL CONTROL INVENTORY STATUS:

Listed on Canadian DSL and EU EINECS.

OTHER INFORMATION: This product is not for food or drug use.

REPORT NUMBER: 703 MSDS NO: 67471 UNIVAR USA INC.

MATERIAL SAFETY DATA SHEET

MAINFRAME UPLOAD DATE: 05/16/04

PAGE: 008

VERSION: 001

PRODUCT: SOCIUM THIOSULFATE ANHYDROUS AND SODIUM THIOSULFATE PENTAHYDRATE

ORDER NO: 248376 PROD NO: 743056

DO NOT USE INGREDIENT INFORMATION AND/OR PERCENTAGES IN THIS MSDS AS A PRODUCT SPECIFICATION. FOR PRODUCT SPECIFICATION INFORMATION REFER TO A PRODUCT SPECIFICATION SHEET AND/OR A CERTIFICATE OF ANALYSIS. THESE CAN BE OBTAINED FROM YOUR LOCAL UNIVAR SALES OFFICE.

ALL INFORMATION APPEARING HEREIN IS BASED UPON DATA OBTAINED FROM THE MANUFACTURER AND/OR RECOGNIZED TECHNICAL SOURCES. WHILE THE INFORMATION IS BELIEVED TO BE ACCURATE, UNIVAR MAKES NO REPRESENTATIONS AS TO ITS ACCURACY OR SUFFICIENCY. CONDITIONS OF USE ARE BEYOND UNIVARS CONTROL AND THEREFORE USERS ARE RESPONSIBLE TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PARTICULAR PURPOSES AND THEY ASSUME ALL RISKS OF THEIR USE, HANDLING, AND DISPOSAL OF THE PRODUCT, OR FROM THE PUBLICATION OR USE OF, OR RELIANCE UPON, INFORMATION CONTAINED HEREIN. THIS INFORMATION RELATES ONLY TO THE PRODUCT DESIGNATED HEREIN, AND DOES NOT RELATE TO ITS USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY OTHER PROCESS.

* * * END OF MSDS * * *