Non-Regulated Materials

DO

Safety Glasses

1. PRODUCT AND COMPANY IDENTIFICATION Product Use: A Mixture of Analytical Testing Reagent 24-Hour Emergency Response Number: Product Name: #1-Peracetic Acid Test Reagent Manufactured By: MCI Masters Company Inc. 800-424-9300 CHEMTREC* 890 Lively Blvd., Wood Dale, IL. 60191 Phone: 630-238-9292 GHS Pictogram(s) HMIS Irritant DOT Label(s) Personal Protective Equipment

HAZARDS IDENT	IFICATION		
		GHS CLASSIFICATION/GHS LABEL ELE	MENTS
Signal word	GHS pictogram(s)	Hazard Statements	Precautionary Statements
"WARNING"	Irritant 1	H303-May be harmful if swallowed H316-Causes mild skin irritation H320-Causes eye irritation.	P102-Keep out of reach of children. P233-Keep container tightly closed. P262-Do not gets in eyes, on skin or on clothing. P264-Wash thoroughly after handling. P281-Use personal protective equipment as requi

(!)

Hazardous Components	% by Wt.	CAS Number	Hazard Statements (Section 15)	GHS Hazard Pictogram(s)
Phosphoric Acid	0-5	7664-38-2	H290-May be corrosive to metal (Mild Steel) H302-Harmful if swallowed. H314- Causes severe skin burns and eye damage.	
Acetic Acid, Glacial	10-20	64-19-7	H226-Flammable liquid and vapor. H314- Causes severe skin burns and eye damage. H318-Causes serious eye damage.	\$
Non Hazardous Ingredient	75-90			
Total	100			

Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing difficult, give oxygen.			
	Call a physician if any difficulties persist.			
Eyes:	Flush eyes with a large amount of water for 15 minutes. Seek medical attention immediately if any irritation persists. After first aid, get appropriate in-plant, paramedic or community medical support.			
Skin:	Wash affected areas thoroughly with soap and water for at least 15 minutes. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Seek medical attention if any irritation persists.			
Ingestion	If person can swallow, give 2 glasses of water to drink. DO NOT INDUCE VOMITING! After first aid, seek appropriate in-plant, paramedic, or community medical support. Never give anything by mouth to an unconscious person. After first aid, get appropriate in-plant, paramedic, or community medical support.			

5. FIRE FIGHTING MEASURES	
Flammability Classification:	Non Flammable
Suitable Extinguishing Media:	Water fog, Alcohol foam, Carbon Dioxide, Dry Chemical
Unusual Fire or Explosion Hazards:	None known other than material can splatter above 100°C/212°F.
Hazardous Combustion Products:	Unknown but carbon monoxide may be released on burning.
Fire-Fighting Instructions:	Do not release runoff from fire control methods to sewers or waterways.
Fire-Fighting Equipment:	Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCRA) with a full face piece operated in pressure demand or positive prossure made

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Safety Data Sheet

RCRA Hazardous Waste Number: RCRA Hazardous Waste Classification (40 CFR 261.): CERCLA Hazardous Substance (40 CFR 302.4):

11. TOXICOLOGICAL INFORMATION

#1 Peracetic Acid Test Reagent

Hazardous Components	CAS No.:	LD50 of Ingredient (Specify Species & Route)	LD50 Dermal of Ingredient (Specify Species)
Phosphoric Acid	7664-38-2	3500mg/kg Oral Rat	1260mg/kg Rabbit
Acetic Acid, Glacial	64-19-7	3310mg/kg Oral Rat	LD50: 1112mg/kg Dermal Rabbit LC50: 11.4mg/l 4hr Rat LC50: 5620ppm 1hr Mouse
	Primary Irr	tant Effects:	
Routes of Entry:	Absorbed through skin, De	rmal Contact, Eye Contact, Inhalatio	n,
Eye Effects:	Irritation to eyes & possible	e burning if materials are not immed	liately rinsed from the eye.
Acute Inhalation Effects:	Might produce irritation to		
Skin Effects:	Irritation to skin.		
Acute Oral/Ingestion Effects:	Not tested for this blend. I	Harmful if swallowed.	
Chronic Effects on Humans:	No specific studies have be	een conducted for this specific blend	
Other Toxic Effects on Humans:	No specific studies have be	en conducted for this specific blend	
Special Remarks- Human Chronic Effects:	No other information for o	hronic effects on humans.	
Carcinogenity:	IARC, NTP, and OSHA do n	ot list this product or its components	as a carcinogen.
Mutagenicity:		known to be applicable for the formu	
Teratogenicity:		ormed for this specific product blend	
Target Organ Statement:		fucted for this specific product blend	

Hazardous Components	CAS No.:	LC:50	EC:50
Phosphoric Acid	7664-38-2	138mg/l 96 hour Mosquito Fish(non toxic)	Non Toxic
Acetic Acid, Glacial	64-19-7	>1000mg/l Rainbow Trout	300.82mg/l 48hr Daphnia Magna
Special Remarks-Products of biodegradation:		subject to biodegradable, non toxic to algae. Phosphe growth of phytoplankton in water.	phates are plant nutrients and may

biodegradation:	contribute to the growth of phytoplankton in water.
13. WASTE DISPOSAL CONSID	ERATIONS
Disposal Regulatory Requirements:	Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable federal, state and local regulations.
Container Cleaning and Disposal:	Triple rinse the empty containers with water before disposal to reconditioned or land fill or garbage.

Proper Shipping Name:	NON REGULATED MA	TERIALS			DOT Shipping Label(s
Contains:					
Hazard Class: None	Marine Pollutant:	UN Number:	Packing Group:	ERG Number:	1
	No NA NA NA		None		
Special Shipping Notations:					

Hazard Symbols:	
Hazard Statements:	H303-May be harmful if swallowed
	H316-Causes mild skin irritation.
	H320-Causes eye Irritation
Precautionary Statements:	P102+P103-Keep out of reach of children. Read label before use.
	P233+P234-Keep container tightly closed. Keep only in original container.
	P262-Do not get in eyes, on skin, or on clothing.
	P264-Wash thoroughly after handling.
	P270-Do not eat, drink or smoke when using this product.
	P281-Use personal protective equipment as required.
	P301+330+331- If swallowed, rinse mouth. Do not induce vomiting.
	P304+P341- IF inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P305+P351+P338-IF in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present.

Product blend is not listed (40 CFR 261.33)
Product blend is not classified.
Product blend is unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b)

6. ACCIDENTIAL RELEASE MEASURES

Safety Data Sheet

Personal Precautions:	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation
Small Spills:	Absorb spill with paper towel or similar absorbent; or flush to sewer or ground with large amounts of water.
Large Spills:	For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways. Absorb spill with
Containment:	vermiculite, oil dry or similar non-reactant absorbent. Solidified product represents no environmental hazard.
Cleanup:	Accumulate the absorbed materials and dispose of according to federal, state and local regulations.
Environmental	Follow applicable OSHA/CERCLA or any other regulations (29 CFR 1910.120) as well as any state or local regulations that
Precautions:	may apply.
safe handling: th	ise the recommended safety controls and personal protective equipment as outlined. Fully review all data before handling of ne material itself. Avoid contact with skin or eyes. Avoid breathing dust or mist. Keep from contact with clotning and other
safe handling: th	ne material itself. Avoid contact with skin or eyes. Avoid breathing dust or mist. Keep from contact with clotning and other ombustible materials. Observe good personal hygiene and housekeeping practices. Wash thoroughly after handling
safe handling: the conditions for D	ne material itself. Avoid contact with skin or eyes. Avoid breathing dust or mist. Keep from contact with clotning and other ormbustible materials. Observe good personal hygiene and housekeeping practices. Wash thoroughly after handling or not store in direct sunlight. Store in a tightly closed container. Store in a cool dry, well ventilated area. Do not store this
safe handling: the conditions for D safe Storage: m	ne material itself. Avoid contact with skin or eyes. Avoid breathing dust or mist. Keep from contact with clotning and other ombustible materials. Observe good personal hygiene and housekeeping practices. Wash thoroughly after handling
safe handling: the conditions for D safe Storage: m	re material itself. Avoid contact with skin or eyes. Avoid breathing dust or mist. Keep from contact with clothing and other ombustliels material. Observe good personal hygiene and housekeeping practices. Wash thoroughly after handling, on oit store in direct sunlight. Store in a tightly closed container. Store in a cool dry, well ventilated area, bo not store this laterial near any storag acids, bases, oxidizers, filamenables or any other type of reactive waterial. Do not expose the

	Component	ts with limit values that	require monitoring at the wo	orkplace:	
Hazardous Components		CAS Number	OSHA PEL/TWA STEL	ACGIH TLV/TWA STEL	Other
Phosphoric Acid		7664-38-2	1 mg/m3	3 mg/m3	
Acetic Acid, Glacial		64-19-7	10ppm	10ppm	
Ventilation:	Provide general or le Local exhaust ventil its source.	ocal exhaust ventilation ation is preferred becau	systems to maintain airborne se it prevents contaminant dis	concentrat ons below OSHA P persion into the work area by	ELs (Sec. 2) controlling i
Respiratory Protection:	and, if necessary, we adequate worker pr oxygen. For emerge Warning! Air-purify OSHA requires a wri testing, periodic env	ear a MSHA/NIOSH-approtection for given working or non-routine oper ing respirators do not protect tten respiratory protect ironmental monitoring,	oved respirator. Select respir ng conditions, level of airborn ations (cleaning spills, reactio otect workers in oxygen-defic on program that includes at I maintenance, inspection, clea	A respirator regulations (29 C ator based on its suitability to e contamination, and presenc r vessel, or storage tanks), we- ient atmospheres. If respirato east: medical certification, tra ining, and convenient, sanitar	provide e of sufficien ar an SCBA. rs are used, ning, fit y storage are
Personal Protective Equipment (PPE):	1910.133). Contact conjunction with co	lenses are not eye prote ntact lenses. At a minim	ctive devices. Appropriate ey	d face-protection regulations (re protection must be worn in ide shields as well as chemical	29 CFR
	gioves and aprons to	prevent prolonged or r	epeated skin contact.		y protect ve
Safety Stations:	Make emergency ey	prevent prolonged or r ewash stations, safety/o	epeated skin contact. Juick-drench showers, and wa	shing facilities available in wo	ly protect ve
Contaminated	Make emergency ey	ewash stations, safety/o	epeated skin contact. Juick-drench showers, and wa	shing facilities available in wo reuse. Remove this material	ly protect ve
Contaminated Equipment:	Make emergency ey Separate contamina shoes and clean per	ewash stations, safety/o ted work clothes from s sonal protective equipm	epeated skin contact. Jurck-drench showers, and wa treet clothes. Launder before ent.	reuse. Remove this material	ly protect ve rk area from your
Contaminated	Make emergency ey Separate contamina shoes and clean per Never eat, drink, or	ewash stations, safety/c ted work clothes from s sonal protective equipm smoke in work areas. Pr	epeated skin contact. juick-drench showers, and wa treet clothes. Launder before ent. actice good personal hygiene	shing facilities available in wo reuse Remove this material after using this material, espe	ly protect ve rk area from your
Contaminated Equipment:	Make emergency ey Separate contamina shoes and clean per Never eat, drink, or eating, drinking, sme	ewash stations, safety/c ted work clothes from s sonal protective equipm smoke in work areas, Pr oking, using the toilet, o	epeated skin contact. juck-drench showers, and wa creet clothes. Launder before ent. actice good personal hygiene applying cosmetics.	reuse. Remove this material	ly protective rk area from your cially before

Form:	Liquid	Appearance:	Clear	Odor:	Vinegar odor
pH:	<3	Vapor Pressure:	Same as water	Flammability:	Non-flammable
Specific Gravity:	1.10+/-	Vapor Density:	Same as water	Flash Point;	NA
Water Solubility:	Complete	Evaporation Rate:	1.00	Auto Ignition Temp:	NA
Other Solubilities:	Not Determined	Melting Point:	NA	LEL:	Not Determined
% Volatile:	80%+/-	Freeze Point:	Approx. 32'F+/-	UEL:	Not Determined
Boiling Point:	212°F +/-	Decomposition Temp:	Not Determined		

10. STABILITY AND REAC	TIVITY
Stability:	This product is stable at room temperature in closed containers under normal storage and handling conditions.
	However, avoid temperature extremes.
Conditions to Avoid:	Excessive temperature, contact with any type of reactive chemicals
Hazardous Polymerization:	Hazardous polymerization will not occur.
Chemical Incompatibilities:	Avoid contact with Strong Acids, Strong Alkalis, Oxidizers or any other type of reactive material.
Hazardous Decomposition	There are no known hazardous decomposition products for this material unless the material is burned in which
Products:	case undetermined evolution of toxic gases may occur

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Safety Data Sheet

9. PHYSICAL AND CHEMICAL PROPERTIES

#1 Peracetic Acid Test Reagent

		(4); CWA, Sec. 307 (a),		
CAA, Sec. 112 CERCLA R	eportable Quantity (RQ):	Contains: Phosphoric Acid 5,000 lb , Acetic Acid, Glacial 5,000 lb		
SARA 313 Codes: This product is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and 40CFR372.		Not listed		
SARA Toxic Chemical (40	DCFR 372.65):	Not listed		
Sara 302/304 Extremely Hazardous Substance (40CFR 355)		Not listed		
Sara 313 SARA EHS (Extremely Hazardous Substance) (40 CFR 355):		Not listed		
Threshold Planning Quantity (TPQ):		Not listed		
OSHA Regulations:				
Air Contaminant (20 CFF	R 1910.1000, Table Z-1, Z-1-A):	Not listed.		
OSHA Specifically Regula	ated Substance (29 CFR 1910.):	Not Listed		
State Regulations:	As a product blend, the materials are generally not listed. Check with your local state regulatory board for more del information regarding the specific components of this product.			
National Regulations:	All components of this product are listed in (TSCA) Chemical Substance Inventory.	n the U.S. Environmental Protection Agencies, Toxic Substance Control Act		

All Containment (20 Cr x 1910.1000, Table 2-1, 2-1-A).		Not listed.	
OSHA Specifically Regula	ted Substance (29 CFR 1910.):	Not Listed	
State Regulations:	As a product blend, the materials are generally not listed. Check with your local state regulatory board for more information regarding the specific components of this product.		
National Regulations: All components of this product are li (TSCA) Chemical Substance Inventor		isted in the U.S. Environmental Protection Agencies, Toxic Substance Control Act y.	
16. OTHER INFORMA	ATION		
SDS Prepared/Reviewed	By: G.S. Garcia-Technical Director		

EMPLOYER'S RESPONSIBILITY

Employers should use this information only as a supplement to their information gathered by them and should make independent judgment of suitability of this information is to ensure proper use and protect the health and safety of employers. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product process, is the responsibility of the user.

USER'S RESPONSIBILITY

USER'S RESPONSIBILITY

The information and recommendations contained herein cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or whore, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

employee instructional programs for your operation.

DISCLAIMER OF LIABILITY

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this material. Information contained herein is believed to be true and accurate, but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, atter and local laws and regulations remains the responsibility of the user.

#2 Peracetic Acid Test Reagent

1. PRODUCT AND COMPANY IDENTIFICATION A Mixture of Analytical Product Name: #2 Peracetic Acid Test Reagent Product Use: 24-Hour Emergency Response Number: Manufactured By: Masters Company Inc. Creative Solutions for Water Management 800-424-9300 CHEMTREC® 890 Lively Blvd., Wood Dale, IL. 60191 Phone: 630-238-9292 Personal Protective Equipment GHS Pictogram(s) DOT label(s) DO Non-Regulated Materials

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7	HA7ARDS	IDENTIFICATION

Signal Word	GHS Pictogram(s)	Hazard Statements	Precautionary Statements
"WARNING"	Irritant	H303-May be harmful if swallowed H316-Causes mild skin irritation. H320-Causes eye irritation.	P102-Keep out of reach of children. P233-Keep container tightly closed. P262-Do not gets in eyes, on skin or on clothing. P264-Wash thoroughly after handling. P281-Use personal protective equipment as required.

3. PRODUCT INGREDIENTS	т		Hazard Statements	GHS Hazard
Hazardous Components	% by Wt.	CAS Number	(Section 15)	Pictogram(s
Hydroiodic Acid Potassium Salt	0-20	7681-11-0	H302-Harmful if swallowed. H315-Causes skin irritation. H319-Causes serious eye irritation	!
Non Hazardous Ingredient	80-100			
Total	100			

4. FIRST AID MEASURES

Ingestion

Cleanup:

Skin:

ID MEASURES

Remove to fresh air. If not breathing, give artificial respiration. If breathing difficult, give oxygen.
Call a physician if any difficulties persist.

Flush vests with a large amount of water for 15 minutes. Seek medical attention immediately if any irritation persists. After first aid, get appropriate in-plant, paramedic or community medical support.

Wash affected areas thoroughly with soap and water for at least 15 minutes. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Frhoroughly clean shoes before reuse. Seek medical attention if any irritation persists.

If person can swallow, give 2 glasses of water to drink. Do NOT INDUCE VOMITING! After first aid, seek appropriate in-plant, paramedic, or community medical support. Never give anything by mouth to an unconscious person.

After first oid, get appropriate in-plant, paramedic, or community medical support.

5.	FIRE	FIG	HT	ING MEASURI	ES
				161 -1	Mari

Flammability Classification: Suitable Extinguishing Media: Unusual Fire or Explosion Hazards: Hazardous Combustion Products: Fire-Fighting Instructions: Fire-Fighting Equipment:

Non Flammable
Water fog, Alcohol foam, Carbon Dioxide, Dry Chemical
None known other than material can splatter above 100°C/212°F.
Unknown but carbon monoxide may be released on burning.
Do not release runoff from fire control methods to sewers or waterways.
Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

6. ACCIDENTIAL RELEASE MEASURES

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation
Absorb spill with paper towel or similar absorbent; or flush to sewer or ground with large amounts of water.
For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways. Absorb spill
with vermiculite, oil dry or similar non-reactant absorbent. Solidified product represents no environmental hazard.
Accumulate the absorbed materials and dispose of according to federal, state and local regulations.

Page 1 of 4 Personal Pre Small Spills: Large Spills:

Safety Data Sheet

#2 Peracetic Acid Test Reagent

Service County II a	916 mg/kg Oral Rabbit 1862mg/kg Oral mouse
	Primary Irritant Effects:
Routes of Entry: Eye Effects: Karte Effects: Skin Effects: Acute Inhalation Effects: Skin Effects: Acute Oral/Ingestion Effects: Chronic Effects on Humans: Other Toxic Effects on Humans: Special Remarks: Human Chronic Effects: Carcinogenity: Mutagenicity: Teratogenicity: Teratogenicity: Teratogenicity:	Absorbed through skin, Dermal Contact, Eye Contact, Inhalation. Irritation to eyes. & possible burning if materials are not immediately rinsed from the eye. Might produce irritation to respiratory system. Irritation to skin. No tested for this blend. Harmful if swallowed. No specific studies have been conducted for this specific blend. No specific studies have been conducted for this specific blend. No other information for chronic effects on humans. IARC, NTP, and OSHA do not list this product or its components as a carcinogen. No mutagenic effects are known to be applicable for the formulation components of this product. No studies have been performed for this specific product blend. No studies have been conducted for this specific product blend.

12. ECOLOGICAL INFORMATION			
Hazardous Components	CAS No.:	LC:50	EC:50
Hydroiodic Acid Potassium Salt	7681-11-0	2,190 mg/l 96 hour Rainbow Trout	2.7 mg/l 24 hour Daphnia Magna
Canada Remarks Brodusts of biodegradation:	No information at	publication	

13. WASTE DISPOSAL CONSIDERATIONS Disposal Regulatory Positions

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Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable federal, state and local regulations.

Triple rinse the empty containers with water before disposal to reconditioned or land fill or garbage.

Container Cleaning and Disposal:

Proper Shipping Name:	NON REGULATED MAT	TERIALS			DOT Shipping Label(s
Contains:				TOO Now how	-
Hazard Class:	Marine Pollutant:	UN Number:	Packing Group:	ERG Number:	None
XN-Non Hazardous	No	NA	NA	NA	
Special Shipping Notations: Note: Transportation information	None				TOC AMBIEME

15. REGULATORY INFORMA	ATION			
Hazard Symbols:	()			
Hazard Statements:	H303-May be harmful if swallowed			
	H316-Causes mild skin irritation.			
	H320-Causes eye Irritation			
Precautionary Statements:	P102+P103-Keep out of reach of children. Read label before use.			
riccadionary statements	P233+P234-Keep container tightly closed. Keep only in original container.			
	P262-Do not get in eyes, on skin, or on clothing.			
	P264-Wash thoroughly after handling.			
	P270-Do not eat, drink or smoke when using this product.			
	P281-Use personal protective equipment as required.			
	p201 2204221- If swallowed rinse mouth, Do not induce vomiting.			
	0204-0241. If inhaled: Remove within to fresh air and keep at rest in a position comfortable for breathing.			
	P305+P351+P338-IF in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present.			

Product blend is not listed (40 CFR 261.33)
Product blend is not classified.
Product blend is not classified.
Product blend is unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b (4); CWA, Sec. 307 (a).
Not listed

Safety Data Sheet

#2 Peracetic Acid Test Reagent

Follow applicable OSHA/CERCLA or any other regulations (29 CFR 1910.120) as well as any state or local regulations that may apply. 7. HANDLING AND STORAGE
Precautions for safe Use Use the recommended safety controls and personal protective equipment as outlined. Fully review all data before handling of the material itself. Avoid contact with skin or eyes. Avoid breathing dust or mist. Keep from contact with clothing and other combustible materials. Observe good personal hygiene and housekeeping practices. Wash thoroughly after handling.

Do not store in direct sunlight. Store in a tightly closed container. Store in a cool dry, well ventilated area. Do not store this material rear any strong acids, bases, oxidizers, flammables or any other type of reactive material. Do not expose the material to temporature extremes.

Store materials according to all local, state and federal guidelines that are established for non-regulated chemical products. handling: Conditions for safe Storage: Regulatory Requirements:

Hazardous Components	Component	ts with limit values that CAS Number	require monitoring at the wo OSHA PEL/TWA STEL	ACGIH TLV/TWA STEL	Other
Hydroiodic Acid Potassium Salt		7681-11-0	None Est	None Est	
Engineering Controls:				AU2O wooled seekees	DELs (Sor. 2)
Ventilation:	Local exhaust vent	tilation is preferred becar	ise it prevents contaminant d	e concentrations below OSHA ispersion into the work area b	y controlling
Respiratory Protection:	Seek professional and, if necessary, adequate worker poxygen. For emery warning! Air-puri OSHA requires a wtesting, periodic e	wear a MSHA/NIOSH-app protection for given work gency or non-routine op- ifying respirators do not p written respiratory protect invironmental monitoring	proved respirator. Select respiring conditions, level of airbor erations (cleaning spills, react protect workers in oxygen-defition program that includes at paintenance, inspection, clips.	SHA respirator regulations (29 irrator based on its suitability troe contamination, and preservor vessel, or storage tanks), w icient atmospheres. If respirat- least: medical certification, to eaning, and convenient, santa-	to provide nice of sufficie ear an SCBA tors are used, raining, fit ary storage
Personal Protective Equipment (PPE):	1910.133). Contaction with a	ct lenses are not eye pro contact lenses. At a mini-	tective devices. Appropriate of mum wear safety glasses with reneated skin contact.	nd face-protection regulation: eye protection must be worn side shields as well as chemic	ally protective
Safety Stations: Contaminated	Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area. Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your				
Equipment: Comments:	Never eat, drink, o	moking using the toilet.	Practice good personal hygier or applying cosmetics.	ne after using this material, es sential in preventing injuries o	

Form:	CHEMICAL PROPE	Appearance:	Clear to light amber liquid	Odor:	Slight odor
pH:	<11	Vapor Pressure:	Same as water	Flammability:	Non flammable
Specific Gravity:	1.18+/-	Vapor Density:	Same as water	Flash Point:	NA
Water Solubility:	Complete	Evaporation Rate:	1.00	Auto Ignition Temp:	NA
Other Solubilities:	Not Determined	Melting Point:	NA	LEL:	Not Determined
% Volatile:	85%+/-	Freeze Point:	Approx. 32°F	UEL:	Not Determined
Boiling Point:	212'F +/-	Decomposition Temp:	Not Determined		

10. STABILITY AND REAC	TIVITY
Stability:	This product is stable at room temperature in closed containers under normal storage and handling conditions
	However, avoid temperature extremes.
Conditions to Avoid:	Excessive temperature, contact with any type of reactive chemicals
Hazardous Polymerization:	Hazardous polymerization will not occur.
Chemical Incompatibilities:	Avoid contact with Strong Acids, Strong Alkalis, Oxidizers or any other type of reactive material.
UI Desamposition	There are no known hazardous decomposition products for this material unless the material is burned in which

case undetermined evolution of toxic gases may occur

11. TOXICOLOGICAL INFORMATION Hazardous Components	CAS No.:	LD50 of Ingredient (Specify Species & Route)	LDS0 Dermal of Ingredien (Specify Species)
lydroiodic Acid Potassium Salt	7681-11-0	2779 mg/kg Oral Rat	Irritant

Safety Data Sheet

#2 Peracetic Acid Test Reagent

Threshold Planning Qua	ntity (TPQ):	Not listed
OSHA Regulations:		
	t 1910.1000, Table Z-1, Z-1-A):	Not listed.
OSMA Specifically Regulated Substance (29 CFR 1910.):		Not Listed
State Regulations:	As a product blend, the materials at	re generally not listed. Check with your local state regulatory board for more detailed components of this product.
National Regulations: All components of this product are list (TSCA) Chemical Substance Inventory		listed in the U.S. Environmental Protection Agencies, Toxic Substance Control Act ry.

Products:

16. OTHER INFORMATION

SDS Prepared/Reviewed By:
Date of Preparation:

G.S. Garcia-Technical Director 1/2019

EMPLOYER'S RESPONSIBILITY

Employers should use this information only as a supplement to other information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product nor in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

USENS RESPONSIBILITY

USENS RESPONSIBILITY

The information and recommendations contained keepin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained sheet in the provided to your employees or outsomers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

NEGLE ALASTO DELIABILITY

employee instructional programs for your operation.

DISCLAIMER OF LIABILITY

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this material, information contained herein is believed to be true and accurate, but all statements or suggestions are made without warranty, concessed or implied, regretarial or control of the contro

#3 Peracetic Acid Test Reagent



HAZARDS IDEN	IFICATION		
		GHS CLASSIFICATION/GHS LABEL E	LEMENTS
Signal Word	GHS Pictogram(s)	Hazard Statements	Precautionary Statements
"WARNING"	Irritant	H303-May be harmful if swallowed H316-Causes mild skin irritation. H320-Causes eye irritation.	P102-Keep out of reach of children. P233-Keep container tightly closed. P262-Do not gets in eyes, on skin or on clothing. P264-Wash thoroughly after handling. P281-Use personal protective equipment as required.

Hazardous Components	% by Wt.	CAS Number	Hazard Statements (Section 15)	GHS Hazard Pictogram(s
Ammonium paramolybdate	0-10	12054-85-2	H303-May be harmful if swallowed. H316-Causes mild skin irritation. H320-Causes eye irritation H402-Harmful to aquatic life with long lasting effects.	(!)
Non Hazardous Ingredient	90-100		The trial long lasting cirects.	
Total	100			

4. FIRST A	ID MEASURES
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing difficult, give oxygen. Call a physician if any difficulties persist.
Eyes:	Flush eyes with a large amount of water for 15 minutes. Seek medical attention immediately if any irritation persists. After first aid, get appropriate in-plant, paramedic or community medical support.
Skin:	Wash affected areas thoroughly with soap and water for at least 15 minutes. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Seek medical attention if any irritation persists.
Ingestion	If person can swallow, give 2 glasses of water to drink. DO NOT INDUCE VOMITING! After first aid, seek appropriate in-plant, paramedic, or community medical support. Never give anything by mouth to an unconscious person. After first aid, get appropriate in-plant, paramedic, or community medical support.

5. FIRE FIGHTING MEASURES	
Flammability Classification:	Non Flammable
Suitable Extinguishing Media:	Water fog, Alcohol foam, Carbon Dioxide, Dry Chemical
Unusual Fire or Explosion Hazards:	None known other than material can splatter above 100°C/212°F.
Hazardous Combustion Products:	Unknown but carbon monoxide may be released on burning.
Fire-Fighting Instructions:	Do not release runoff from fire control methods to sewers or waterways.
Fire-Fighting Equipment:	Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus

6. ACCIDENTIAL RELEASE MEASURES		
Personal Precautions: Small Spills: Large Spills: Containment:	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Assort spill with paper towel or similar absorbent, or flush to sewer or ground with large amounts of water. For large spills, dike far ahead of juicid spill for later disposal. Do not release into sewers or waterways. Absorb spill with vermiculite, oil dry or similar non-reactant absorbent. Solidified product represents no environmental hazard.	

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Safety Data Sheet

#3 Peracetic Acid Test Reagent

Ammonium paramolybdate	12054-85-2	333mg/kg Oral Rat (Acute) 2200mg/kg Oral guinea Pig	No data at publication
Routes of Entry: Eye Effects: Antel Inhalation Effects: Skin Effects: Acate Onal/Ingestion Effects: Chronic Effects on Humans: Chronic Effects on Humans: Other Toxic Effects on Humans: Special Remarks-Human Chronic Effects: Cardinogenity: Muttagenicity: Teratogenicity: Teratogenicity: Target Organ Statement:	Absorbed through skin, Du Irritation to eyes & possib Might produce irritation to Irritation to skin. Not tested for this blend. No specific studies have b No specific studies have b No other information for IARC, NTP, and OSHA do NO mutagenic effects are No studies have been perf		carcingen

Hazardous Components	CAS No.:	LC:50	EC:50
Ammonium paramolybdate	12054-85-2		140mg/l 48hr Daphnia Magna 42mg/l 72hr Green algae
Special Remarks-Products of biodegradation:	No data at publication		42mg/172m Green algae

Ammonium paramolybdate		12054-85-2	420mg/l 96hr Rainbow Trout LCO: 320mg/l 96hr Rainbow Trout	140mg/l 48hr Daphnia Magna 42mg/l 72hr Green algae
Special Remarks-Products of biodegra	adation:	No data at public		
13. WASTE DISPOSAL CONSIDE	DATIONS			
Disposal Regulatory Requirements:	Contact your supp state and local reg	olier or a licensed o gulations.	ontractor for detailed recommendatio	ns. Follow applicable federal,
Container Cleaning and Disposal:	Triple rinse the empty containers with water before disposal to reconditioned or land fill or garbage			

14. TRANSPORTATION II	NFORMATION				
Proper Shipping Name:	NON REGULATED MAT	ERIALS			DOT Shipping Label(:
Contains:					DOT Shipping cabeits
Hazard Class:	Marine Pollutant:	UN Number:	Packing Group:	ERG Number:	
Non Hazardous	No	NA NA	NA	NA NA	None
Special Shipping Notations:	None			-	

Hazard Symbols:	
The state of the s	(1)
Hazard Statements:	H303-May be harmful if swallowed
	H316-Causes mild skin irritation.
	H320-Causes eye Irritation
Precautionary Statements:	P102+P103-Keep out of reach of children. Read label before use.
	P233+P234-Keep container tightly closed. Keep only in original container.
	P262-Do not get in eyes, on skin, or on clothing.
	P264-Wash thoroughly after handling.
w	P270-Do not eat, drink or smoke when using this product.
	P281-Use personal protective equipment as required.
	P301+330+331- If swallowed, rinse mouth. Do not induce vomiting.
	P304+P341- IF inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing
	P305+P351+P338-IF in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if preser

	PA Regulations:
RCRA Hazardous Waste Number:	Product blend is not listed (40 CFR 261.33)
RCRA Hazardous Waste Classification (40 CFR 261.):	Product blend is not classified.
CERCLA Hazardous Substance (40 CFR 302.4):	Product blend is unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b) (4); CWA, Sec. 307 (a),
CAA, Sec. 112 CERCLA Reportable Quantity (RQ):	Not listed
SARA 313 Codes: This product is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and 40CFR372.	Not listed
SARA Toxic Chemical (40CFR 372.65):	Not listed

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Safety Data Sheet

#3 Peracetic Acid Test Reagent

-	" - cracette Acia Test Reagent
Cleanup: Environmental Precautions:	Accumulate the absorbed materials and dispose of according to federal, state and local regulations. Follow applicable OSHA/CERCLA or any other regulations (29 CFR 1910.120) as well as any state or local regulations that may apply.
7. HANDLING AND STOP	RAGE
Precautions for safe handling:	Use the recommended safety controls and personal protective equipment as outlined. Fully review all data befor handling of the material itself. Avoid contact with shin or eyes. Avoid breathing dust or mist. Keep from contact with clothing and other combustible materials. Observe good personal hygiene and housekeeping practices. Was horoughly after handline.
Conditions for safe Storage:	Do not store in direct sunlight. Store in a tightly closed container. Store in a cool dry, well ventilated area. Do not store this material near any strong acids, bases, oxidizers, flammables or any other type of reactive material. Do not expose the material to temperature extremes.
Regulatory Requirements:	Store materials according to all local, state and federal guidelines that are established for non-regulated chemical

	Componen	ts with limit values that	require monitoring at the wo	rkplace:	
Hazardous Components		CAS Number	OSHA PEL/TWA STEL	ACGIH TLV/TWA STEL	Other
Ammonium paramolybdate Engineering Controls:		12054-85-2	5mg/m3 as(Mo)	5mg/m3 as(Mo)	
Ventilation:	Provide general or Local exhaust vent at its source.	local exhaust ventilation illation is preferred beca	n systems to maintain airborne use it prevents contaminant di	concentrations below OSHA spersion into the work area b	PELs (Sec. 2). y controlling it
Respiratory Protection:	adequate worker p oxygen. For emerg Warning! Air-purif OSHA requires a w	wear a MSHA/NIOSH-app protection for given work gency or non-routine op fying respirators do not p written respiratory protec	r selection and use. Follow OS proved respirator. Select respi king conditions, level of airborn erations (cleaning spills, reactor protect warkers in oxygen-defic- tion program that includes at it, maintenance, inspection, cle	rator based on its suitability to the contamination, and present or vessel, or storage tanks), we cient atmospheres. If respiration, trailest; medical certification, trailest;	o provide ce of sufficient ear an SCBA. ors are used,
Personal Protective Equipment (PPE):	conjunction with co	it lenses are not eye pro ontact lenses. At a minin	fety goggles, per OSHA eye-an tective devices. Appropriate e num wear safety glasses with s repeated skip contact.	ve protection must be worn in	stand of or in
Safety Stations: Contaminated	gloves and aprons to prevent prolonged or repeated skin contact. Make emergency eyewash station, safety/quick-drench showers, and washing facilities available in work urea. Separate contaminated work clother from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.				
	shoes and clean personal protective equipment. Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.				
Equipment: Comments: Work/Hygienic Practices:	eating, drinking, sm	noking, using the toilet, i	or applying cosmetics. If protective equipment is esse		

Form:	Liquid	Appearance:	Clear liquid	Odor:	Characteristic odo
pH:	<10	Vapor Pressure:	Same as water	Flammability:	Non-flammable
Specific Gravity:	1.05+/-	Vapor Density:	Same as water	Flash Point:	NA
Water Solubility:	Complete	Evaporation Rate:	1.00	Auto Ignition Temp:	NA
Other Solubilities:	Not Determined	Melting Point:	NA	LEL:	Not Determined
% Volatile:	95%+/-	Freeze Point:	Approx. 32*F	UEL:	Not Determined
Boiling Point:	212°F +/-	Decomposition Temp:	Not Determined	Vi.L.	Not Determined

Stability:	This product is stable at an analysis of the
	This product is stable at room temperature in closed containers under normal storage and handling conditions However, avoid temperature extremes.
Conditions to Avoid:	Excessive temperature, contact with any type of reactive chemicals
Hazardous Polymerization:	Hazardous polymerization will not occur.
Chemical Incompatibilities:	Avoid contact with Strong Acids, Strong Alkalis, Oxidizers or any other type of reactive material.
Hazardous Decomposition	There are no known hazardous decomposition products for this material unless the material is burned in which
Products:	case undetermined evolution of toxic gases may occur.

11. TOXICOLOGICAL INFORMATION			
Hazardous Components	CAS No.:	LD50 of Ingredient (Specify Species & Route)	LD50 Dermal of Ingredien (Specify Species)

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Safety Data Sheet

#3 Peracetic Acid Test Reagent

Sara 302/304 Extremely	Hazardous Substance (40CFR 355)	Not listed
Sara 313 SARA EHS (Extremely Hazardous Substance) (40 CFR 355):		Not listed
Threshold Planning Quantity (TPQ):		Not listed
OSHA Regulations:		
Air Contaminant (20 CF)	R 1910.1000, Table Z-1, Z-1-A):	Not listed.
OSHA Specifically Regulated Substance (29 CFR 1910.):		Not Listed
State Regulations:	As a product blend, the materials are generally not listed. Check with your local state regulatory board for more deta information regarding the specific components of this product.	
National Regulations:	All components of this product are listed in the U.S. Environmental Protection Agencies, Toxic Substance Control Act (TSCA) Chemical Substance Inventory.	

16. OTHER INFORMATIO	N
SDS Prepared/Reviewed By:	G.S. Garcia-Technical Director
Date of Branavations	* 12040

DISCLAIMER OF LIABILITY do not assume any responsibility but all statements or suggestic of the material or the results to sibility of the user.

#4 Peracetic Acid Test Reagent

ALL DESCRIPTION OF THE PROPERTY OF THE PROPERT				A Mixture of Analytical
roduct Name: #4 Per	oduct Name: #4 Peracetic Acid Test Reagent		Product Use:	Testing Reagent
Mai	nufactured By:		24-Hour Emergency Respo	onse Number:
Crus	casters Company Invative Solutions for Water Manageme d., Wood Dale, IL. 60191		800-424-9300 CH	EMTREC®
	e: 630-238-9292		ncies both domestic and foreign. Harard a	end precautionary statements are base
the best of our knowledge, this Safety Data maximum listed concentrations of each l	Sheet is prepared to comply with US OSHA 29 CRR1910 iszardous ingredient. Unlisted ingredients are not "haz-	1.1200 and other governmental age ardous" per the OSHA Hazard Com	munication Standard (29 CHC 1910-1200) a	and/or other governmental agencies.
o the best of our knowledge, this Safety Data maximum listed concentrations of each DOT Label(s)	Sheet is prepared to comply with US OSHA 29 CPR1910 szzerdous ingredient. Unlisted signedients are not "haz. GHS Pictogram(s)	ardous" per the OSHA Hazard Corns HMIS	Personal Protec	and/or other governmenta agences.

HAZARDS IDENT	IFICATION		
		GHS CLASSIFICATION/GHS LABEL E	LEMENTS
Signal Word	GHS Pictogram(s)	Hazard Statements	Precautionary Statements
WARNING	Irritant	H303-May be harmful if swallowed H320-Causes eye irritation.	P102-Keep out of reach of children. P233-Keep container tightly closed. P262-Do not gets in eyes, on skin or on clothing. P264-Wash thoroughly after handling. P281-Use personal protective equipment as required.

Hazardous Components	% by Wt.	CAS Number	Hazard Statements (Section 15)	GHS Hazard Pictogram(s
Amylodextrin	0-10	9005-84-9	H303-May be harmful if swallowed. H316-Causes mild skin irritation. H320-Causes eye irritation	1
Non Hazardous Ingredient	95-100			
Total	100			

4. FIRST A	4. FIRST AID MEASURES		
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing difficult, give oxygen.		
	Call a physician if any difficulties persist.		
Eyes:	Flush eyes with a large amount of water for 15 minutes. Seek medical attention immediately if any irritation persists. After first aid, get appropriate in-plant, paramedic or community medical support.		
Skin:	Wash affected areas thoroughly with soap and water for at least 15 minutes. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Seek medical attention flar wirtiation persists.		
Ingestion	If person can swallow, give 2 glasses of water to drink. DO NOT INDUCE VOMITING! After first aid, seek appropriate in-plant, paramedic, or community medical support. Never give anything by mouth to an unconscious person.		

5. FIRE FIGHTING MEASURES	
Flammability Classification:	Non Flammable
Suitable Extinguishing Media:	Water fog, Alcohol foam, Carbon Dioxide, Dry Chemical
Unusual Fire or Explosion Hazards:	None known other than material can splatter above 100°C/212°F.
Hazardous Combustion Products:	Unknown but carbon monoxide may be released on burning.
Fire-Fighting Instructions:	Do not release runoff from fire control methods to sewers or waterways.
Fire-Fighting Equipment:	Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

6. ACCIDENTIAL RELEASE MEASURES	
Personal Precautions:	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation
Small Spills:	Absorb spill with paper towel or similar absorbent; or flush to sewer or ground with large amounts of water.
Large Spills:	For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways. Absorb spill with
Containment:	vermiculite, oil dry or similar non-reactant absorbent. Solidified product represents no environmental hazard.

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Safety Data Sheet

#4 Peracetic Acid Test Reagent

Amylodextrin	9005-84-9	No data at publication	Slight Irritant	
	Primary Irrit	tant Effects:		
Routes of Entry:	Absorbed through skin, De	Absorbed through skin, Dermal Contact, Eye Contact, Inhalation.		
Eve Effects:	Irritation to eyes & possible burning if materials are not immediately rinsed from the eye.			
Acute Inhalation Effects:	Might produce irritation to respiratory system.			
Skin Effects:	Irritation to skin.			
Acute Oral/Ingestion Effects:	Not tested for this blend. H			
Chronic Effects on Humans:	No specific studies have been conducted for this specific blend.			
Other Toxic Effects on Humans:	No specific studies have been conducted for this specific blend.			
Special Remarks- Human Chronic Effects:	No other information for cl	hronic effects on humans.		
Carcinogenity:	IARC, NTP, and OSHA do not list this product or its components as a carcinogen.			
Mutagenicity:	No mutagenic effects are known to be applicable for the formulation components of this product.			
Teratogenicity:		ormed for this specific product blend.		
Target Organ Statement:	No studies have been cond	lucted for this specific product blend.		

12. ECOLOGICAL INFORMATION			
Hazardous Components	CAS No.:	LC:50	EC:10
Amylodextrin	9005-84-9	No data at publication	No data at publication
Special Remarks-Products of biodegradation:	Product is considered	to be biodegradable.	

13. WASTE DISPOSAL CONSIDERATIONS Disposal Regulatory Requirements: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable federatiate and local regulations. Container Cleaning and Disposal: Triple rinse the empty containers with water before disposal to reconditioned or land fill or garbage. ur supplier or a licensed contractor for detailed recommendations. Follow applicable federal,

14. TRANSPORTATION I	VFORMATION				
Proper Shipping Name:	NON REGULATED MATE	ERIALS			DOT Shipping Label(s)
Contains:					
Hazard Class:	Marine Pollutant:	UN Number:	Packing Group:	ERG Number:	None
Non Hazardous	No	NA	NA	NA NA	None
Special Shipping Notations:	None		sult CFR 49, Parts 100-177,		

Hazard Symbols:	①
Hazard Statements:	H303-May be harmful if swallowed
	H320-Causes eye Irritation
Precautionary Statements:	P102+P103-Keep out of reach of children. Read label before use.
	P233+P234-Keep container tightly closed. Keep only in original container.
	P262-Do not get in eyes, on skin, or on clothing.
	P264-Wash thoroughly after handling.
	P270-Do not eat, drink or smoke when using this product.
	P281-Use personal protective equipment as required.
	P301+330+331- If swallowed, rinse mouth. Do not induce vomiting.
	P304+P341- IF inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P305+P351+P338-IF in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present

EPA Regulations:		
RCRA Hazardous Waste Number:	Product blend is not listed (40 CFR 261.33)	
RCRA Hazardous Waste Classification (40 CFR 261.):	Product blend is not classified.	
CERCLA Hazardous Substance (40 CFR 302.4):	Product blend is unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b) (4); CWA, Sec. 307 (a),	
CAA, Sec. 112 CERCLA Reportable Quantity (RQ):	Not listed	
SARA 313 Codes: This product is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and 40CFR372.	Not listed	
SARA Toxic Chemical (40CFR 372.65):	Not listed	
Sara 302/304 Extremely Hazardous Substance (40CFR 355)	Not listed	
Sara 313 SARA EHS (Extremely Hazardous Substance) (40 CFR 355):	Not listed	
Threshold Planning Quantity (TPQ):	Not listed	

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Safety Data Sheet

#4 Peracetic Acid Test Reagent

Cleanup: Environmental Precautions:	Accumulate the absorbed materials and dispose of according to federal, state and local regulations. Follow applicable OSHA/CERCLA or any other regulations (29 CFR 1910.120) as well as any state or local regulations that may apply.
7. HANDLING A	AND STORAGE
Precautions for safe handling:	Use the recommended safety controls and personal protective equipment as outlined. Fully review all data before handling of the material itself. Avoid contact with skin or eyes. Avoid breathing dust or mist. Keep from contact with clothing and other combustible materials. Observe good personal hygiene and nousekeeping practices. Wash thoroughly after handling.
Conditions for safe Storage:	Do not store in direct sunlight. Store in a tightly closed container. Store in a cool dry, well ventilated area. Do not store this material near any strong acids, bases, oxidizers, fammaties or any other type of reactive material. Do not expose the material to temperature extremes. Do not store product above 77°F.
Regulatory	Store materials according to all local, state and federal guidelines that are established for non-regulated chemical products.

		onents with limit values that			FI Other			
Hazardous Components		CAS Number	OSHA PEL/TWA STE		EL Other			
Amylodextrin		9005-84-9	None Est.	None Est.				
Engineering Controls: Ventilation:	Provide gene	eral or local exhaust ventilation	systems to maintain airb	orne concentrations below	OSHA PELs (Sec. 2).			
· Citalottoiii	Local exhaus	Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it						
	at its source.							
Respiratory Protection:	Seek profess	ional advice prior to respirator	selection and use. Follow	w OSHA respirator regulation	ns (29 CFR 1910.134)			
	and, if neces	and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide						
	adequate wo	adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient						
	oxygen. For	oxygen. For emergency or non-routine operations (cleaning spills, reactor vessel, or storage tanks), wear an SCBA.						
	Warning! Ai	Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres. If respirators are used,						
	OSHA requir	OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit						
		testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage						
	areas.				1 (20.000			
Personal Protective	Wear protei	Wear protective eyeglasses or chemical safety goggles, per OSHA eye-and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in						
Equipment (PPE):	1910.133).	Contact lenses are not eye pro	tective devices. Appropri	ate eye protection must be	worn instead of, or it			
	conjunction	with contact lenses. At a minir	num wear sarety glasses v	with side shields as well as o	nemically protective			
	gloves and a	prons to prevent prolonged or	repeated skin contact.	ad washing facilities wellsh	de le work area			
Safety Stations:	Make emerg	Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.						
Contaminated		Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.						
Equipment:	shoes and cl	ean personal protective equip	ment.	wiene ofter using this mate	rial penacially hafore			
Comments:		Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.						
	eating, drink	ise of afore-mentioned person	of applying cosmetics.	acceptial in preventing ini	uries or irritation			
Work/Hygienic Practice	s Consistent u	ise or afore-mendoned person	ai protective equipment i	s essential in preventing in	unca or irritation.			
9. PHYSICAL AND C	UENAICAI DROI	DEDTIEC						
Form:	Liquid	Appearance:	Clear color	Odor:	Slight odor			
roini.	Liquid	14 D	Come accomban	Clammabilitus	Non Flammable			

Other Solubilities:	Not Determined	Melting Point:	NA	LEL:	Not Determined		
% Volatile:	95%+/-	Freeze Point:	Approx. 32°F	UEL:	Not Determined		
Boiling Point:	212*F+/-	Decomposition Temp:	Not Determined				
10. STABILITY AN							
Stability:	This produc	This product is stable at room temperature in closed containers under normal storage and handling conditions.					
		void temperature extremes.					
Conditions to Avoid:		mperature, contact with any		nicals			
Hazardous Polymeriz		Hazardous polymerization will not occur.					
Chemical Incompatib	ilities: Avoid conta	Avoid contact with Strong Acids, Strong Alkalis, Oxidizers or any other type of reactive material.					

L. TOXICOLOGICAL INFORMATION			
Hazardous Components	CAS No.:	LD50 of Ingredient (Specify Species & Route)	LD50 Dermal of Ingredient (Specify Species)

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Safety Data Sheet

#4 Peracetic Acid Test Reagent

OSHA Regulations:			
Air Contaminant (20 CI	R 1910.1000, Table Z-1, Z-1-A):	Not listed.	
OSHA Specifically Regulated Substance (29 CFR 1910.):		Not Listed	
State Regulations:	As a product blend, the materials are generally not listed. Check with your local state regulatory board for more deta information regarding the specific components of this product.		
National Regulations:	All components of this product are listed in the U.S. Environmental Protection Agencies, Toxic Substance Control Ac (TSCA) Chemical Substance Inventory.		

ted Substance (29 CFR 1910.):	Not Listed
gulations: As a product blend, the materials are generally not listed. Check with your local state regulatory board for information regarding the specific components of this product.	
All components of this product are li (TSCA) Chemical Substance Inventor	sted in the U.S. Environmental Protection Agencies, Toxic Substance Control Act y.
ATION	
	As a product blend, the materials are information regarding the specific co All components of this product are li

EMPLOYER'S RESPONSIBILITY
should use this information only as a supplement to other information gathered by them and should make independent judgment of suitat
to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the
ance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

USER'S RESPONSIBILITY
uition and recommendations contained bench cannot cover all possible situations which the user may experience during processing. Each
tion should be examined to determine if, or where, additional precrutions may be necessary. All health and safety information contained
old be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice gui

#5 Peracetic Acid Test Reagent

	acetic Acid Test Rea	igent	Product Use:	A Mixture of Analytica Testing Reagent
Manu	ufactured By:		24-Hour Emergency Respo	nse Number:
890 Lively Blvd. Phone:	ISTEPS Company In ve solutions for Water Managemin , Wood Dale, IL. 60191 630-238-9292 et is prepared to comply with US OSHA 29 CHILISI	ont	800-424-9300 CHE	
	indous ingredient. Unlisted ingredients are not "ha-			
DOT Label(s)	GHS Pictogram(s)	HMIS	Personal Protect	d/or other governmental agencies.

		2. HAZARDS IDENTIFICAT	ION
		GHS CLASSIFICATION/GHS LABEL E	LEMENTS
Signal Word	GHS Pictogram(s)	Hazard Statements	Precautionary Statements
WARNING	Irritant !	H303-May be harmful if swallowed H316-Causes mild skin irritation. H320-Causes eye irritation.	P102-Keep out of reach of children, P233-Keep container tightly closed. P262-Do not gets in eyes, on skin or on clothing, P264-Wash thoroughly after handling. P281-Use personal protective equipment as require

		3. PRODUCT	INGREDIENTS	
Hazardous Components	% by Wt.	CAS Number	Hazard Statements (Section 15)	GHS Hazard Pictogram(s)
Sodium Thiosulfate	0-10	10102-17-7	H303-May be harmful if swallowed. H316-Causes mild skin irritation. H320-Causes eye irritation	(!)
Non Hazardous Ingredient	90-100		THE GOOD STORM THE CONTROL OF THE CO	
Total	100			

4. FIRST AID MEASURES			
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing difficult, give oxygen. Call a physician if any difficulties persist.		
Eyes:	Flush eyes with a large amount of water for 15 minutes. Seek medical attention immediately if any irritation persists. After first aid get appropriate in-plant, paramedic or community medical support.		
Skin:	Wash affected areas thoroughly with soap and water for at least 15 minutes. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Seek medical attention if any irritation persists.		
Ingestion	If person can swallow, give 2 glasses of water to drink. DO NOT INDUCE VOMITING! After first aid, seek appropriate in-plant, paramedic, or community medical support. Never give anything by mouth to an unconscious person. After first aid, see Appropriate Industry, and the appropriate Industry, accounting the proposition in Judge.		

5. FIRE FIGHTING MEASURES		
Flammability Classification:	Non Flammable	
Suitable Extinguishing Media:	Water fog, Alcohol foam, Carbon Dioxide, Dry Chemical	
Unusual Fire or Explosion Hazards:	None known other than material can splatter above 100°C/212°F.	
Hazardous Combustion Products:	Unknown but carbon monoxide may be released on burning.	
Fire-Fighting Instructions:	Do not release runoff from fire control methods to sewers or waterways.	
Fire-Fighting Equipment:	Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.	

	6. ACCIDENTIAL RELEASE MEASURES
Personal Precautions: Small Spills: Large Spills: Containment: Cleanup:	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Absorb spill with paper towed or similar absorbent: or fluck his sever or ground with large amounts of water. For large spills, like far ahead of liquid spill for later disposal. Do not release into severs or waterways. Absorb spill with vermiculte, oil dry or similar non-reactant absorbent. Solidified product prepresents no environmental hazard. Accumulate the absorbed materials and dispose of according to Federal, state and local regulations.

Safety Data Sheet

#5 Peracetic Acid Test Reagent

	Primary Irritant Effects:
Routes of Entry:	Absorbed through skin, Dermal Contact, Eye Contact, Inhalation.
Eye Effects:	Irritation to eyes & possible burning if materials are not immediately rinsed from the eye.
Acute Inhalation Effects:	Might produce irritation to respiratory system.
Skin Effects:	Irritation to skin.
Acute Oral/Ingestion Effects:	Not tested for this blend. Harmful if swallowed.
Chronic Effects on Humans:	No specific studies have been conducted for this specific blend.
Other Toxic Effects on Humans:	No specific studies have been conducted for this specific blend.
Special Remarks- Human Chronic Effects:	No other information for chronic effects on humans.
Carcinogenity:	IARC, NTP, and OSHA do not list this product or its components as a carcinogen.
Mutagenicity:	No mutagenic effects are known to be applicable for the formulation components of this product
Teratogenicity:	No studies have been performed for this specific product blend.
Target Organ Statement:	No studies have been conducted for this specific product blend.

	12. ECOLOGICA	AL INFORMATION	
Hazardous Components	CAS No.:	LC:50	EC:50
Sodium Thiosulfate	10102-17-7	No data at publication	No data at publication
Special Remarks-Products of biodegradation:	No information at pu		140 data at poblication

Sourcin Tinosunate	10102-17-7	No data at publication	No data at publication		
Special Remarks-Products of biodegradation:		No information at publication			
		12 MACTE DISDO			
D: 10 1.			SAL CONSIDERATIONS		
Disposal Regulatory Requirements:	State an	your supplier or a licer d local regulations.	sed contractor for detailed recommer	ndations. Follow applicable federal	
Container Cleaning and Disposal:	Triple rin	se the empty contained	rs with water before disposal to recor	editioned or land fill or garbage	

	14. 1	RANSPORTATIO	N INFORMATION		
Proper Shipping Name:	NON REGULATED MAT	TERIALS			DOT Shipping Label(s)
Contains:					DOT Shipping Label(s)
Hazard Class:	Marine Pollutant:				
Non Hazardous	No	NA	Packing Group: NA	ERG Number: NA	None
Special Shipping Notations:	None		101	1100	-
Note: Transportation information	provided is for reference only	. Client is urged to cor	sult CFR 49, Parts 100-177,	IMDG, IATA, EU, United	Nations, TDG and WHMIS
(Canada) TDG information manual	s for detailed regulations and	exceptions covering s	pecific container sizes park	raging materials and met	thads of shipman

15. REGULATORY INFORMATION				
Hazard Symbols:				
Hazard Statements:	H303-May be harmful if swallowed			
	H316-Causes mild skin irritation.			
	H320-Causes eye Irritation			
Precautionary Statements:	P102+P103-Keep out of reach of children. Read label before use.			
	P233+P234-Keep container tightly closed. Keep only in original container.			
	P262-Do not get in eyes, on skin, or on clothing.			
	P264-Wash thoroughly after handling.			
	P270-Do not eat, drink or smoke when using this product.			
	P281-Use personal protective equipment as required.			
	P301+330+331- If swallowed, rinse mouth. Do not induce vomiting.			
	P304+P341- IF inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.			
	P305+P351+P338-IF in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present			

EPA Regulations:			
RCRA Hazardous Waste Number:	Product blend is not listed (40 CFR 261.33)		
RCRA Hazardous Waste Classification (40 CFR 261.):	Product blend is not classified.		
CERCLA Hazardous Substance (40 CFR 302.4):	Product blend is unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b) (4); CWA, Sec. 307 (a),		
CAA, Sec. 112 CERCLA Reportable Quantity (RQ):	Not listed		
SARA 313 Codes: This product is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and 40CFR372.	Not listed		
SARA Toxic Chemical (40CFR 372.65):	Not listed		
Sara 302/304 Extremely Hazardous Substance (40CFR 355)	Not listed		
Sara 313 SARA EHS (Extremely Hazardous Substance) (40 CFR 355):	Not listed		
Threshold Planning Quantity (TPQ):	Not listed		
OSHA Regulations:			

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Safety Data Sheet

#5 Peracetic Acid Test Reagent

Precautions:	that may apply.
	7. HANDLING AND STORAGE
Precautions for safe handling:	Use the recommended safety controls and personal protective equipment as outlined. Fully review all data befor handling of the material itself. Avoid contact with six nor eyes, Avoid breathing dust or mist. Keep from context with dothing and other combustible materials. Observe good personal hygiene and housekeeping practices. Was thoroughly after handline.
Conditions for safe Storage:	Do not store in direct sunlight. Store in a tightly closed container. Store in a cool dry, well ventilated area. Do not store this material near any strong acids, bases, oxidizers, flammables or any other type of reactive material. Do not expose the material to temperature extremes.
Regulatory Requirements:	Store materials according to all local, state and federal guidelines that are established for non-regulated chemical products.

	Components with lin	nit values that	S/PERSONAL PROTECTION require monitoring at the wo	vkalasa.	
Hazardous Components CAS Number OSHA PEL/TWA STEL ACGIH TIV/TWA STEL C					
Sodium Thiosulfate	10	102-17-7	None Est.	None Est.	Other
Engineering Controls:	·			Hone Est.	
Ventilation:	Provide general or local exh	aust ventilation	systems to maintain airborne	concentrations below OSHA	DELC (Coc. 2)
	Local exhaust ventilation is	preferred becau	ise it prevents contaminant di	ispersion into the work area b	rees (sec. 2).
	at its source.				
Respiratory Protection:	Seek professional advice pri	or to respirator	selection and use. Follow OS	HA respirator regulations (29	CER 1910 134
	and, if necessary, wear a MS	SHA/NIOSH-app	roved respirator. Select respi	irator based on its suitability to	n provide
	adequate worker protection	for given work	ing conditions, level of airborn	ne contamination, and presen	co of sufficion
	oxygen. For emergency or r	on-routine ope	rations (cleaning spills, reacto	or vessel or storage tankel we	ar an SCRA
	warning! Air-purifying resp	irators do not p	rotect workers in oxygen-defic	cient atmospheres If respirate	ore are used
	OSHA requires a written res	piratory protec	tion program that includes at	least: medical certification, tra	ining fit
	testing, periodic environmen	ntal monitoring	, maintenance, inspection, cle	aning, and convenient, sanitar	y storage
Personal Protective	areas.				
Equipment (PPE):	wear protective eyeglasses	or chemical sat	fety goggles, per OSHA eye-an	d face-protection regulations	(29 CFR
equipment (PPE):	1910.133). Contact lenses a	re not eye prot	ective devices. Appropriate e	ye protection must be worn in	stead of, or i
	conjunction with contact len	ises. At a minim	num wear safety glasses with s	side shields as well as chemica	lly protective
Safety Stations:	gloves and aprons to preven	t prolonged or	repeated skin contact.		
Contaminated	Sonarata conteminated was	tations, safety/	quick-drench showers, and wa	ashing facilities available in wo	ork area.
Equipment:	shoes and clean personal pri	k clothes from s	street clothes. Launder before	e reuse. Remove this material	from your
Comments:	Never est drink or smoke in	work areas	ient.		
	eating, drinking, smoking, us	ing the toilet of	ractice good personal hygiene	after using this material, esp	ecially before
Work/Hygienic Practices	Consistent use of afore-mon	tioned persons	applying cosmetics.	ential in preventing injuries or	

	Liquid	Appearance:	Clear to light amber liquid	Odor:	Slight odor
pH:	<10	Vapor Pressure:	Same as water	Flammability:	Non-flammable
Specific Gravity:	1.00+/-	Vapor Density:	Same as water	Flash Point:	NA
Water Solubility:	Complete	Evaporation Rate:	1.00	Auto Ignition Temp:	NA NA
Other Solubilities:	Not Determined	Melting Point:	NA	LEL:	Not Determined
% Volatile:	95%+/-	Freeze Point:	Approx. 32°F	UEL:	Not Determined
Boiling Point:	212°F+/-	Decomposition Temp:	Not Determined	OCC.	Not betermined

Stability:	This product is stable at room temperature in closed containers under normal storage and handling conditions However, avoid temperature extremes.
Conditions to Avoid:	
	Excessive temperature, contact with any type of reactive chemicals
Hazardous Polymerization:	Hazardous polymerization will not occur.
Chemical Incompatibilities:	Avoid contact with Strong Acids, Strong Alkalis, Oxidizers or any other type of reactive material.
Hazardous Decomposition	There are no known hazardous decomposition products for this material unless the material is burned in which
Products:	case undetermined evolution of toxic gases may occur.

11. TOXICOLOGICAL INFORMATION				
Hazardous Components	CAS No.:	LD50 of Ingredient (Specify Species & Route)	LD50 Dermal of Ingredient (Specify Species)	
Sodium Thiosulfate	10102-17-7	>5000mg/kg Oral Rat	Irritant	

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Safety Data Sheet

#5 Peracetic Acid Test Reagent

	R 1910.1000, Table Z-1, Z-1-A):	Not listed.
OSHA Specifically Regu	lated Substance (29 CFR 1910.):	Not Listed
State Regulations:	As a product blend, the materials a information regarding the specific of	re generally not listed. Check with your local state regulatory board for more detailed tomponents of this product.
National Regulations:	All components of this product are (TSCA) Chemical Substance Invento	listed in the U.S. Environmental Protection Agencies, Toxic Substance Control Act

16. OTHER INFORMATION SDS Prepared/Reviewed By: G.S. Garcia-Technical Director Date of Preparation: 1/2019

EMPLOYER'S RESPONSIBILITY

The properties of the profession of the

employee instructional programs for your operation.

DISCLAIMER OF LIABILITY

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this minormation contained herein is believed to be true and accurate, but all statements or suggestions are made without warranty, expressed or implied, reg accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all an infederal, state and local laisos and regulations remains the responsibility of the unit.

#6 Peracetic Acid Test Reagent

 PRODUCT AND COMP 	ANY IDENTIFICATION			
Product Name: #6 Pe	racetic Acid Test Rea	agent	Product Use:	A Mixture of Analytica Testing Reagent
	nufactured By:	00	24-Hour Emergency Resp	onse Number:
890 Lively Blv Phon	otive Solutions for Water Managem rd., Wood Dale, IL. 60191 ie: 630-238-9292	ent	800-424-9300 CH	
	Sheet is prepared to comply with US OSHA 29 CFR19	10.1200 and other governmental ap azardous" per the OSHA Hazard Co	nmunication scandard (29 Crit 1910 1200)	auch de doues Bosen miner ran effence a-
To the best of our knowledge, this Safety Data maximum listed concentrations of each				
To the best of our knowledge, this Safety Data maximum listed concentrations of each DOT Label(s)	GHS Pictogram(s)	HMIS	Personal Froter	tive Equipment

		EQUIPMENT	0.0145
2. HAZARDS IDENT	TIFICATION		
		GHS CLASSIFICATION/GHS LABEL I	LEMENTS
Signal Word	GHS Pictogram(s)	Hazard Statements	Precautionary Statements
WARNING	Irritant	H303-May be harmful if swallowed H316-Causes mild skin irritation. H320-Causes eye irritation.	P102-Keep out of reach of children. P233-Keep container tightly closed. P262-Do not gets in eyes, on skin or on clothing. P264-Wash thoroughly after handling. P281-Use personal protective equipment as required.

Hazardous Components	% by Wt.	CAS Number	Hazard Statements (Section 15)	GHS Hazard Pictogram(s)
Sodium Thiosulfate	0-10	10102-17-7	H303-May be harmful if swallowed. H316-Causes mild skin irritation. H320-Causes eye irritation	1
Non Hazardous Ingredient	90-100			
Total	100			

4. FIRST A	D MEASURES
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing difficult, give oxygen. Call a physician if any difficulties persist.
Eyes:	Flush eyes with a large amount of water for 15 minutes. Seek medical attention immediately if any irritation persists. After first aid get appropriate in-plant, paramedic or community medical support.
Skin:	Wash affected areas thoroughly with soap and water for at least 15 minutes. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Seek medical attention if any irritation persists.
Ingestion	If person can swallow, give 2 glasses of water to drink. DO NOT INDUCE VOMTING! After first aid, seek appropriate in-plant, paramedic, or community medical support. Never give anything by mouth to an unconscious person. After first aid, get appropriate in-plant, paramedic, or community medical support.

Non Flammable
Water fog, Alcohol foam, Carbon Dioxide, Dry Chemical
None known other than material can splatter above 100°C/212°F.
Unknown but carbon monoxide may be released on burning.
Do not release runoff from fire control methods to sewers or waterways.
Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

6. ACCIDENTIAL RELEASE MEASURES	
Personal Precautions:	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation
Small Spills:	Absorb spill with paper towel or similar absorbent; or flush to sewer or ground with large amounts of water.
Large Spills:	For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways. Absorb spill
Containment	with vermiculite, oil dry or similar non-reactant absorbent. Solidified product represents no environmental hazard.

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Safety Data Sheet

#6 Peracetic Acid Test Reagent

Sodium Thiosulfate	10102-17-7	>5000mg/kg Oral Rat	Irritant	
	Primary Irrita	nt Effects:		
Routes of Entry: Absorbed through skin, Dermal Contact, Eye Contact, Inhalation.				
Eye Effects: Irritation to eyes & possible burning if materials are not immediately rinsed from the eye			rinsed from the eye.	
Acute Inhalation Effects:	Might produce irritation to respiratory system.			
Skin Effects:	Irritation to skin.			
Acute Oral/Ingestion Effects:	Not tested for this blend. Harmful if swallowed.			
Chronic Effects on Humans:	No specific studies have been conducted for this specific blend.			
Other Toxic Effects on Humans:	No specific studies have bee	n conducted for this specific blend.		
Special Remarks- Human Chronic Effects:	No other information for chr			
Carcinogenity:		list this product or its components as a		
Mutagenicity:	No mutagenic effects are known to be applicable for the formulation components of this product.			
Teratogenicity:	No studies have been performed for this specific product blend.			
Target Organ Statement:	No studies have been conducted for this specific product blend.			

12. ECOLOGICAL INFORMATION			
Hazardous Components	CAS No.:	LC:50	EC:50
Sodium Thiosulfate	10102-17-7	No data at publication	No data at publication
Special Remarks-Products of biodegradation:	No information at pu	blication	

13. WASTE DISPOSAL CONSIDERATIONS			
Disposal Regulatory Requirements:	Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable federal, state and local regulations.		
Container Cleaning and Disposal:	Triple rinse the empty containers with water before disposal to reconditioned or land fill or garbage.		

Proper Shipping Name:	NON REGULATED MAT	TERIALS			DOT Shipping Label(s
Contains:					
Hazard Class:	Marine Pollutant:	UN Number:	Packing Group:	ERG Number:	None
Non Hazardous	No	NA	NA	NA NA	1 None
Special Shipping Notations:	None		nsult CFR 49, Parts 100-177,		

Hazard Symbols:	
Hazard Statements:	H303-May be harmful if swallowed
	H316-Causes mild skin irritation.
	H320-Causes eye Irritation
Precautionary Statements:	P102+P103-Keep out of reach of children. Read label before use.
	P233+P234-Keep container tightly closed. Keep only in original container.
	P262-Do not get in eyes, on skin, or on clothing.
	P264-Wash thoroughly after handling.
	P270-Do not eat, drink or smoke when using this product.
	P281-Use personal protective equipment as required.
	P301+330+331- If swallowed, rinse mouth. Do not induce vomiting.
	P304+P341- IF inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P305+P351+P338-IF in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present.

EPA Regulations:		
Product blend is not listed (40 CFR 261.33)		
Product blend is not classified.		
Product blend is unlisted specific per RCRA, Sec. 3001; CWA, Sec. 311 (b) (4); CWA, Sec. 307 (a),		
Not listed		

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Safety Data Sheet

#6 Peracetic Acid Test Reagent

Cleanup: Environmental Precautions:	Accumulate the absorbed materials and dispose of according to federal, state and local regulations. Follow applicable OSHA/CERCLA or any other regulations (29 CFR 1910.120) as well as any state or local regulations that may apply.
7. HANDLING AND STOR	AGE
Precautions for safe handling:	Use the recommended safety controls and personal protective equipment as outlined. Fully review all data before handling of the material itself. Avoid contact with skin or eyes. Avoid breathing dust or mist. Keep from contact with clothing and other combustible materials. Observe good personal hygiene and housekeeping practices. Wash thoroughly after handling.
Conditions for safe Storage:	Do not store in direct sunlight. Store in a tightly closed container. Store in a cool dry, well ventilated area. Do not store this material near any strong acids, bases, oxidizers, flammables or any other type of reactive material. Do not expose the material to temperature extremes.

Regulatory Requirements:	not expose the material to Store materials according products.	temperature to all local, sta	extremes. te and federal guidelines that	are established for non-regul	ated chemical
8. EXPOSURE CONTRO	LS/PERSONAL PROTECTION	ON			
			require monitoring at the wo OSHA PEL/TWA STEL	orkplace: ACGIH TLV/TWA STEL	Other
Hazardous Components		Number 02-17-7	None Est.	None Est.	Other
Sodium Thiosulfate Engineering Controls:		102-17-7	None est.	Hone Lat.	
Ventilation:	Local exhaust ventilation is p	referred beca	n systems to maintain airborn use it prevents contaminant d	ispersion into the work area I	by controlling it
Respiratory Protection:	and, if necessary, wear a MS adequate worker protection oxygen. For emergency or n Warning! Air-purifying respi OSHA requires a written rest testing, periodic environmer areas.	HA/NIOSH-app for given work on-routine op trators do not poi piratory protect atal monitoring	r selection and use. Follow Of proved respirator. Select respi- king conditions, level of airbor erations (cleaning spills, react protect workers in oxygen-def- tion program that includes at g, maintenance, inspection, cl	irator based on its suitability: rne contamination, and prese; or vessel, or storage tanks), w icient atmospheres. If respira least: medical certification, ti eaning, and convenient, sanit	to provide nce of sufficient year an SCBA. tors are used, raining, fit ary storage
Personal Protective Equipment (PPE):	1910.133). Contact lenses a conjunction with contact len gloves and aprons to preven	re not eye pro ses. At a mini t prolonged o	afety goggles, per OSHA eye-a tective devices. Appropriate mum wear safety glasses with r repeated skin contact.	eye protection must be worn side shields as well as chemic	instead of, or in ally protective
Safety Stations:	Make emergency eyewash s	tations, safety	/quick-drench showers, and v	vashing facilities available in v	vork area.
Contaminated	Separate contaminated wor	k clothes from	street clothes. Launder befo	re reuse. Remove this materi	al from your
Equipment:	shoes and clean personal pr				
Comments:	eating, drinking, smoking, us	ing the toilet,	Practice good personal hygier or applying cosmetics.		
Work/Hygienic Practices:	Consistent use of afore-men	tioned person	al protective equipment is es	sential in preventing injuries o	or irritation.

Form:	Liquid	Appearance:	Clear to light amber liquid	Odor:	Slight odor
pH:	<10	Vapor Pressure:	Same as water	Flammability:	Non-flammable
Specific Gravity:	1.00+/-	Vapor Density:	Same as water	Flash Point:	NA
Water Solubility:	Complete	Evaporation Rate:	1.00	Auto Ignition Temp:	NA
Other Solubilities:	Not Determined	Melting Point:	NA	LEL:	Not Determined
% Volatile:	95%+/-	Freeze Point:	Approx. 32°F	UEL:	Not Determined
70 101011101			Net Determined		

Stability:	This product is stable at room temperature in closed containers under normal storage and handling conditions.	
	However, avoid temperature extremes.	
Conditions to Avoid:	Excessive temperature, contact with any type of reactive chemicals	
Hazardous Polymerization:	Hazardous polymerization will not occur.	
Chemical Incompatibilities:	Avoid contact with Strong Acids, Strong Alkalis, Oxidizers or any other type of reactive material.	
Hazardous Decomposition	There are no known hazardous decomposition products for this material unless the material is burned in which	
Products:	case undetermined evolution of toxic gases may occur.	

11. TOXICOLOGICAL INFORMATION			
Hazardous Components	CAS No.:	LD50 of Ingredient (Specify Species & Route)	LD50 Dermal of Ingredient (Specify Species)

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Safety Data Sheet

#6 Peracetic Acid Test Reagent

Threshold Planning Quantity (TPQ):		Not listed		
OSHA Regulations:				
Air Contaminant (20 CFR 1910.1000, Table Z-1, Z-1-A):		Not listed.		
OSHA Specifically Regu	lated Substance (29 CFR 1910.):	Not Listed		
State Regulations:	information regarding the specific c	e generally not listed. Check with your local state regulatory board for more detailed omponents of this product.		
National Regulations:	All components of this product are I	isted in the U.S. Environmental Protection Agencies, Toxic Substance Control Act		

6.	OTHE	RIN	FOR	MATIC	N	
==			7.			_

SDS Prepared/Reviewed By: G.S. Garcia-Technical Director Date of Preparation: 1/2019