GENERAL STORAGE CODE GREEN

Page E1 of E2

Section 1

Identification

INNOVATING SCIENCE^{® by Aldon} 221 Roc

"Cutting edge science for the classroom"

221 Rochester Street Avon, NY 14414-9409 (585) 226-6177 CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300 For laboratory and industrial use only.

Not for drug, food or household use.

Product SIMULATED BLOOD, TYPE B-	
Synonyms Simulated Blood, Type B Negative / Donor #1	
Section 2 Hazards identification	
Signal word: WARNING Pictograms: GHS07 Target organs: Blood	Precautionary statement(s): P264: Wash hands thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of water and soap. P332+P313: If skin irritation occurs: Get medical attention. P361+P364: Take off immediately all contaminated clothing and wash it before reuse. P305+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical attention. P312: Call a POISON CENTER or doctor if you feel unwell.

Hazards not otherwise classified:

Health hazards not otherwise classified (HHNOC) - Not Known Physical hazards not otherwise classified (PHNOC) - Not Known

Section 3 Composition / inform	Composition / information on ingredients						
Chemical Name	CAS #	%	EINECS				
Water Calcium nitrate, tetrahydrate Food Coloring	7732-18-5 13477-34-4 Mixture	89.4% 10.0% 0.6%	231-791-2 233-332-1 Mixture				
Section 4 First aid measures							

Section 4 First aid measures

INGESTION: MAY BE HARMFUL IF SWALLOWED. Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: CAUSES EYE IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: CAUSES SKIN IRRITATION. Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5 Fire fighting measures

Suitable Extinguishing Media: Use any media suitable for extinguishing supporting fire.

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: In fire conditions, water may evaporate from this solution which may cause hazardous decomposition products to be formed as dust or fume.

Section 6 Accidental release measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

ERG: Emergency Response Guidebook.

Form 06/2015

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale vapors, spray or mist. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, well-ventilated area away from incompatible substances.

Section 8	Exposure controls / personal protection					
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)		
Exposure Linits.	Calcium nitrate	None established	None established	None established		

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

approved respirator.							
Section 9	Physical and chemical	properties					
Boiling point: Approx Flash point: Data n	, ata not available. ble. : Approximately 0°C (32°F) (water ximately 100°C (212°F) (water	Relative density (Specific gravity): Approximately 1.0 (water) Molecular weight: Mixture Solubility(ies): Complete in water.					
Section 10	Section 10 Stability and reactivity						
Chemical stability: Conditions to avoid	Stable : Excessive temperatures to		us polymerization:	Will not occur.			
Incompatible mater	ials: Ammonia, hydrozine a	nd other reducing age	ents.				
Hazardous decomp	osition products: Nitrogen	n oxides.					
Section 11	Toxicological informat	ion					
Serious eye damag Respiratory or skin Germ cell mutageni Carcinogenity: Dat NTP: No component IARC: No componen OSHA: No componen Ca Prop 65: This pro Reproductive toxici STOT-single expossi STOT-repeated exp Aspiration hazard: Potential health effet Inhalation: May be hi Ingestion: May be hi Skin: Contact with si Eyes: Causes eye ir Signs and symptom not available. Exerci	of this product present at let t of this product present at let nt of this product present at duct does not contain any cl ity: Data not available ure: Data not available Data not available Data not available ects: narmful if inhaled. armful if swallowed. kin may cause irritation. ritation.	ailable vels greater than or e evels greater than or d levels greater than or hemicals known to the t of our knowledge th o minimize potential h	equal to 0.1% is ident equal to 0.1% is iden e State of California to e chemical, physical a	fied as probable, pos tified as a carcinoger o cause cancer or rep	ssible or confirr n or potential c productive toxic	ned human card arcinogen by OS ity.	0,
Section 12 Toxicity to fish: No	Ecological information						
Toxicity to daphnia Toxicity to algae: No Persistence and dee Mobility in soil: No Other adverse effec Section 13 These disposal gui	and other aquatic inverteb o data available gradability: No data available data available ts: An environmental hazar Disposal consideration	ble Bioaccumu PBT and vF d cannot be excluded ns he disposal of catal accordance with all	Iditive potential: No PVB assessment: No in the event of unpro og-size quantities o	o data available fessional handling or nly. Federal regula	ations may ap		ontainer. State and/or local mical disposal agency.
UN/NA number:	•	nipping name: N	at Regulated				
Hazard class: No Exceptions: Not	t applicable Pa	acking group: No 020 ERG Guide #	ot applicable	Reportable Q	uantity: No	Ма	rrine pollutant: No
Section 15	Regulatory information	n					
	d to be listed if the CAS number	•	•		50.	NP C'	04 F
Compone Calcium nitrate (solid		Listed	CERLCA (RQ) Not listed	RCRA code Not listed	DSL Listed	NDSL Not listed	CA Prop 65 This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity.
Section 16	Other information						
The information contain	ed herein is furnished without w						ered by them and must make indepense. NTP: National Toxicology Program

Page E1 of E2

Section 1

Identification

"Cutting edge science for the classroom"

by Aldon 221 Rochester Street Avon, NY 14414-9409 (585) 226-6177 CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300

For laboratory and industrial use only. Not for drug, food or household use.

Product SIMULATED BLOOD, TYPE A+	
Synonyms Simulated Blood, Type A Positive / Donor #2	
Section 2 Hazards identification	
Signal word: WARNING Pictograms: GHS07 Target organs: Blood GHS Classification: Acute toxicity, oral (Category 5) Skin irritation (Category 2) Eye irritation (Category 2A) GHS Label information: Hazard statement(s): H303: May be harmful if swallowed. H315: Causes skin irritation. H319: Causes serious eye irritation.	Precautionary statement(s): P264: Wash hands thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of water and soap. P332+P313: If skin irritation occurs: Get medical attention. P362+P364: Take off contaminated clothing and wash it before reuse. P305+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical attention. P312: Call a POISON CENTER or doctor if you feel unwell.

Hazards not otherwise classified:

Health hazards not otherwise classified (HHNOC) - Not Known Physical hazards not otherwise classified (PHNOC) - Not Known

Section 3	Composition / information on ingredients					
Chemical Name		CAS #	%	EINECS		
Water Aluminum nitrate, Food Coloring	nonahydrate	7732-18-5 7784-27-2 Mixture	90.1% 9.3% 0.6%	231-791-2 236-751-8 (anhydrous CAS # 13473-90-0) Mixture		
Section 4	First aid measures					

Section 4 First alu measures

INGESTION: MAY BE HARMFUL IF SWALLOWED. Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: CAUSES SERIOUS EYE IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: CAUSES SKIN IRRITATION. Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5 Fire fighting measures

Suitable Extinguishing Media: Use any media suitable for extinguishing supporting fire.

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: In fire conditions, water may evaporate from this solution which may cause hazardous decomposition products to be formed as dust or fume.

Section 6 Accidental release measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale vapors, spray or mist. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, well-ventilated area away from incompatible substances.

Section 8	Exposure controls / personal protection					
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)		
Exposure Linits.	Aluminum nitrate	None established	None established	None established		

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Section 9	Physical and cher	nical properties						
Appearance: Red Odor: No odor. Odor threshold: [pH: Data not avail: Melting / Freezing poin	d liquid. Data not available. lable. int: Approximately 0°C (32°F) roximately 100°C (212°F) ((water) (water	rate (Water = 1): <1 (solid/gas): Data not nits: Lower / Upper: I ure (mm Hg): 14 (wate y (Air = 1): 0.7 (water) y (Specific gravity): App): Complete in water.	Data not available r)	Auto-ignitio Decomposi Viscosity: Molecular f	•	e: Data not availab ire: Data not availa ble. re	
Section 10	Stability and react	ivity						
Chemical stability Conditions to avo	 r: Stable rid: Excessive temperature 		lous polymerization: N	Will not occur.				
ncompatible mate	erials: Reducing agents	, organic materials.						
Hazardous decom	position products: Nite	rogen oxides.						
Section 11	Toxicological info	rmation						
IARC: No compone OSHA: No compon Ca Prop 65: This p Reproductive toxi STOT-single expo	ata not available nt of this product present ent of this product presen nent of this product prese roduct does not contain a icity: Data not available isure: Data not available	at at levels greater than on nt at levels greater than o any chemicals known to t	r equal to 0.1% is identi or equal to 0.1% is iden	fied as probable, pos tified as a carcinoge	ssible or confirr n or potential ca	ned human card arcinogen by OS	· ·	
Aspiration hazard Potential health ei Inhalation: May be Ingestion: May be Skin: Contact with Eyes: Causes seri Signs and sympto	<pre>xposure: Data not availa d: Data not available offects: e harmful if inhaled. harmful if swallowed. skin may cause irritation</pre>	uble e best of our knowledge t		ind toxicological prop	perties have no	t been thorough	ly investigated. Sp	ecific dat
Aspiration hazard Potential health en Ingestion: May be Skin: Contact with Eyes: Causes seri Signs and sympto not available. Exer Additional information	<pre>kposure: Data not availa ffects: harmful if inhaled. harmful if swallowed. ous eye irritation. oms of exposure: To the rcise appropriate procedu ation: RTECS #: Alum</pre>	ble best of our knowledge t ures to minimize potential inum nitrate: BD105000	I hazards.	and toxicological prop	perties have no	t been thorough	ly investigated. Sp	ecific dat
Aspiration hazard Potential health ef Inhalation: May be Ingestion: May be Skin: Contact with Eyes: Causes seri Signs and sympto not available. Exer Additional informa Section 12	cposure: Data not available iffects: a harmful if inhaled. harmful if swallowed. skin may cause irritation ious eye irritation. oms of exposure: To the rcise appropriate procedu tation: RTECS #: Alumi Ecological information	ble best of our knowledge t ures to minimize potential inum nitrate: BD105000	I hazards.	Ind toxicological prop	perties have no	t been thorough	ly investigated. Sp	ecific dat
Aspiration hazard Potential health ef Inhalation: May be Ingestion: May be Skin: Contact with Eyes: Causes seri- Signs and sympto- not available. Exer Additional informa- section 12 Foxicity to fish: N Foxicity to fish: N Foxicity to daphni Foxicity to daphni Foxicity to algae: P Persistence and d Mobility in soil: N Dther adverse effe Section 13 Fhese disposal g	Apposure: Data not available Second State State Second State State State Second State State State Second Sta	ble ble best of our knowledge t ures to minimize potential inum nitrate: BD105000 ation ertebrates: No data ava vailable Bioaccurr PBT and vana hazard cannot be exclude rations for the disposal of cata	I hazards. 10 ilable vPvB assessment: No ed in the event of unpro alog-size quantities o	data available o data available fessional handling or nly. Federal regula	disposal. ations may ap	ply to empty c	ontainer. State a	nd/or loc
Aspiration hazard Potential health ef nhalation: May be ngestion: May be Skin: Contact with Eyes: Causes seri- Signs and sympto to available. Exer Additional informa- tection 12 Foxicity to fish: N Foxicity to daphni Foxicity to algae: I Persistence and d Abbility in soil: N Other adverse effect Section 13 Fhese disposal g egulations may b	kposure: Data not available iffects: a harmful if inhaled. harmful if swallowed. skin may cause irritation ious eye irritation. orms of exposure: To the rcise appropriate procedu tation: RTECS #: Alumi Ecological informa do data available ia and other aquatic inv No data available degradability: No data a lo data available ects: An environmental h Disposal consider uidelines are intended be different. Dispose consider	ble ble ble ble ble ble ble ble	I hazards. 10 ilable vPvB assessment: No ed in the event of unpro alog-size quantities o	data available o data available fessional handling or nly. Federal regula	disposal. ations may ap	ply to empty c	ontainer. State a	nd/or lo
Aspiration hazard Potential health ef Inhalation: May be Ingestion: May be Skin: Contact with Eyes: Causes seri Signs and sympto not available. Exer Additional informa Section 12 Toxicity to fish: N Toxicity to fish: N Toxicity to daphni Toxicity to algae: I Persistence and d Mobility in soil: N Other adverse effect Section 13 These disposal g regulations may b Section 14	posure: Data not available iffects: a harmful if inhaled. harmful if swallowed. skin may cause irritation ious eye irritation. orns of exposure: To the rcise appropriate procedu ation: RTECS #: Alumi Ecological informa do data available degradability: No data a lo data available ects: An environmental h Disposal consider uidelines are intended be different. Dispose c Transport informa	able a best of our knowledge t ures to minimize potential inum nitrate: BD105000 ation ation ertebrates: No data ava vailable Bioaccum PBT and va hazard cannot be exclude rations for the disposal of cata of in accordance with a ation	I hazards. I Ilable nulative potential: No vPvB assessment: No ed in the event of unpro alog-size quantities o Il local, state and fed	data available o data available fessional handling or nly. Federal regula	disposal. ations may ap	ply to empty c	ontainer. State a	nd/or loc
Aspiration hazard Potential health of Inhalation: May be Ingestion: May be Skin: Contact with Eyes: Causes seri Signs and sympto not available. Exer Additional inform Section 12 Toxicity to fish: N Toxicity to daphni Toxicity to daphni Toxic	Apposure: Data not available Constraints Data not available Section S	ble ble ble ble ble ble ble ble	I hazards. I haza	data available o data available fessional handling or nly. Federal regula	disposal. ations may ap contract with	ply to empty c a licensed che	ontainer. State a	nd/or loo gency.
Aspiration hazard Potential health en Indiation: May be Skin: Contact with Eyes: Causes seri- Signs and sympto- to available. Exer Additional informa- fection 12 Toxicity to fish: N Toxicity to algae: In- Persistence and d Mobility in soil: N Other adverse effection 13 These disposal greegulations may be Section 14 JN/NA number: Hazard class: No Exceptions: No Section 15	Apposure: Data not available Constraints Data not available Section S	able able able ares to four knowledge t ares to minimize potential inum nitrate: BD105000 ation ation ertebrates: No data ava bioaccum PBT and v nazard cannot be exclude rations for the disposal of cata of in accordance with a ation Shipping name: I Packing group: N 2020 ERG Guide # ation	I hazards. I haza	data available o data available fessional handling or nly. Federal regula eral regulations or	disposal. ations may ap contract with	ply to empty c a licensed che	ontainer. State a mical disposal ag	nd/or loo gency.
Aspiration hazard Potential health er nhalation: May be Skin: Contact with Eyes: Causes seri Signs and sympto not available. Exer Additional information for a sign of the sympto- to available. Exer Additional information for a sign of the sympto- the symptometry of the sympto- the symptometry of the symptometry for a symptometry of the sympto	Apposure: Data not available Second State State Second State State State State State State Second State State State State State Second State State State State Second State State State Second State S	able a best of our knowledge t ures to minimize potential inum nitrate: BD105000 ation ertebrates: No data avai vailable Bioaccum PBT and v nazard cannot be exclude rations for the disposal of cata of in accordance with a ation Shipping name: I Packing group: N 2020 ERG Guide # intion umber for the anhydrous for	I hazards. I haza	data available o data available fessional handling or nly. Federal regula eral regulations or Reportable Q	disposal. ations may ap contract with uantity: No	ply to empty c a licensed che Ma	ontainer. State a mical disposal ag trine pollutant:	nd/or loo gency. No
Aspiration hazard Potential health ef Inhalation: May be Skin: Contact with Eyes: Causes seri Signs and sympto not available. Exer Additional informs Section 12 Toxicity to fish: N Toxicity to fish: N Toxicity to algae: I Persistence and d Mobility in soil: N Other adverse effe Section 13 These disposal g regulations may b Section 14 UN/NA number: Hazard class: N Exceptions: No Section 15	Apposure: Data not available Constant of the second seco	able able able ares to four knowledge t ares to minimize potential inum nitrate: BD105000 ation ation ertebrates: No data ava bioaccum PBT and v nazard cannot be exclude rations for the disposal of cata of in accordance with a ation Shipping name: I Packing group: N 2020 ERG Guide # ation	I hazards. I haza	data available o data available fessional handling or nly. Federal regula eral regulations or	disposal. ations may ap contract with	ply to empty c a licensed che	ontainer. State a mical disposal ag	nd/or loo gency. No p 65 to contain wr to the S se cancer of

GENERAL STORAGE CODE GREEN

Page E1 of E2

Section 1

Identification

INNOVATING SCIENCE® by Aldon 221 Rod Avon, W

"Cutting edge science for the classroom"

221 Rochester Street Avon, NY 14414-9409 (585) 226-6177 CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300 For laboratory and industrial use only. Not for drug, food or household use.

SIMULATED BLOOD, TYPE O-Product Synonyms Simulated Blood, Type O Negative / Donor #3 Section 2 Hazards identification This substance or mixture has not been classified as hazardous according Supplemental information: to the Globally Harmonized System (GHS) of Classification and Labeling of Do not breathe mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wear Chemicals. protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling. Get medical attention if you feel unwell. Signal word: None required Pictograms: No symbol required Target organs: None known GHS Classification: None required GHS Label information: Hazard statement: None required Precautionary statement: None required

Hazards not otherwise classified:

Health hazards not otherwise classified (HHNOC) - Not Known Physical hazards not otherwise classified (PHNOC) - Not Known

Section 3	Composition / information on ingredients				
Chemical Name		CAS #	%	EINECS	
Water Food Coloring		7732-18-5 Mixture	>99% 0.6%	231-791-2 Mixture	
Section 4	First aid measures				

Section 4 First aid measures

INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5 Fire fighting measures

Suitable Extinguishing Media: Use any media suitable for extinguishing supporting fire.

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: In fire conditions, water may evaporate from this solution which may cause hazardous decomposition products to be formed as dust or fume.

Section 6 Accidental release measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale vapors, spray or mist. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, well-ventilated area away from incompatible substances.

Section 8	Exposure controls / personal protection					
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)		
Exposure Linits.	No components listed	None established	None established	None established		

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If misty conditions prevail, work in fume hood or wear a NIOSH/MSHAapproved respirator.

Section 9	Physical and chemical prop	perties					
Appearance: Re Odor: No odor. Odor threshold: pH: Data not ava Melting / Freezing po	Data not available. Flammability (solid/gas): Data not available. Auto-ignition temperature: Data not available Data not available. Explosion limits: Lower / Upper: Data not available Decomposition temperature: Data not available. Data not available. Vapor pressure (mm Hg): 14 (water) Viscosity: Data not available. Vapor density (Air = 1): 0.7 (water) Relative density (Specific gravity): Approximately 1.0 (water) Molecular formula: Mixture Nolecular weight: Mixture Molecular weight: Mixture						
Section 10	Stability and reactivity						
Chemical stabilit Conditions to av	ty: Stable roid: Excessive temperatures to cau		ous polymerization: \	Will not occur.			
	aterials: Strong oxidizers and reducin						
	mposition products: Carbon oxide						
Section 11	Toxicological information						
Germ cell mutag Carcinogenity: I NTP: No compon IARC: No compor OSHA: No compor Ca Prop 65: This Reproductive to:	kin sensitization: Data not available genicity: Data not available Data not available ent of this product present at levels g nent of this product present at levels product does not contain any chemic xicity: Data not available posure: Data not available	reater than or e greater than or greater than o	equal to 0.1% is identi r equal to 0.1% is iden	fied as probable, pos tified as a carcinogen	sible or confir or potential c	med human card arcinogen by OS	
Potential health Inhalation: May b Ingestion: May b Skin: Repeated c Eyes: Contact ma Signs and symp not available. Exc	rd: Data not available	ur knowledge th imize potential		ind toxicological prop	erties have no	t been thorough	ly investigated. Specific data
Potential health Inhalation: May b Ingestion: May b Skin: Repeated o Eyes: Contact ma Signs and sympi not available. Exe Additional inform Section 12	rd: Data not available effects: be harmful if inhaled. e harmful if swallowed. or prolonged contact with skin may ca ay cause irritation. toms of exposure: To the best of or ercise appropriate procedures to min mation: RTECS #: Data not availab Ecological information	ur knowledge th imize potential		nd toxicological prop	erties have no	ot been thorough	ily investigated. Specific data
Potential health Inhalation: May b Ingestion: May b Skin: Repeated of Eyes: Contact ma Signs and symp not available. Exe Additional inform Section 12 Toxicity to fish: Toxicity to fish: Toxicity to algae Persistence and Mobility in soil: Other adverse ef Section 13 These disposal	rd: Data not available effects: be harmful if inhaled. e harmful if swallowed. or prolonged contact with skin may ca ay cause irritation. toms of exposure: To the best of or ercise appropriate procedures to min mation: RTECS #: Data not availab	ur knowledge th imize potential le :: No data avail Bioaccum PBT and v not be excluded sposal of cata	hazards. able ulative potential: No PvB assessment: No d in the event of unpro	data available o data available fessional handling or nly. Federal regula	disposal. tions may ap	oply to empty c	container. State and/or loca
Potential health Inhalation: May b Ingestion: May b Skin: Repeated of Eyes: Contact ma Signs and symp not available. Exe Additional inform Section 12 Toxicity to fish: Toxicity to fish: Toxicity to algae Persistence and Mobility in soil: Other adverse ef Section 13 These disposal	rd: Data not available effects: be harmful if inhaled. e harmful if swallowed. or prolonged contact with skin may ca ay cause irritation. toms of exposure: To the best of or ercise appropriate procedures to min mation: RTECS #: Data not available Ecological information No data available nia and other aquatic invertebrates : No data available degradability: No data available No data available ffects: An environmental hazard can Disposal considerations guidelines are intended for the dis-	ur knowledge th imize potential le :: No data avail Bioaccum PBT and v not be excluded sposal of cata	hazards. able ulative potential: No PvB assessment: No d in the event of unpro	data available o data available fessional handling or nly. Federal regula	disposal. tions may ap	oply to empty c	container. State and/or loca
Potential health Inhalation: May b Ingestion: May b Skin: Repeated of Eyes: Contact may Signs and symp not available. Exc Additional inform Section 12 Toxicity to fish: Toxicity to dapher Toxicity to algae Persistence and Mobility in soil: Other adverse ef Section 13 These disposal regulations may Section 14 UN/NA number Hazard class: Exceptions: N	rd: Data not available effects: be harmful if inhaled. e harmful if swallowed. or prolonged contact with skin may ca ay cause irritation. toms of exposure: To the best of or ercise appropriate procedures to min mation: RTECS #: Data not available Ecological information No data available nia and other aquatic invertebrates : No data available degradability: No data available No data available degradability: No data available ffects: An environmental hazard can Disposal considerations guidelines are intended for the dia be different. Dispose of in accor Transport information r: Not applicable Not applicable 2020 E	ur knowledge th imize potential le :: No data avail Bioaccum PBT and v not be excluder sposal of cata dance with all ng name: N ng group: N	hazards. able ulative potential: No PvB assessment: No d in the event of unpro log-size quantities o l local, state and fed lot Regulated	data available o data available fessional handling or nly. Federal regula	disposal. tions may ap contract with	oply to empty c a licensed che	container. State and/or loc
Potential health Inhalation: May b Skin: Repeated of Eyes: Contact ma Signs and symp not available. Exe Additional inform Section 12 Toxicity to fish: Toxicity to daphy Toxicity to algae Persistence and Mobility in soil: Other adverse ef Section 13 These disposal regulations may Section 14 UN/NA number Hazard class: Exceptions: N Section 15	rd: Data not available effects: be harmful if inhaled. e harmful if swallowed. or prolonged contact with skin may ca ay cause irritation. toms of exposure: To the best of or ercise appropriate procedures to min mation: RTECS #: Data not available Ecological information No data available nia and other aquatic invertebrates : No data available degradability: No data available No data available degradability: No data available No data available ffects: An environmental hazard can Disposal considerations guidelines are intended for the dir be different. Dispose of in accor Transport information r: Not applicable Not applicable Regulatory information	ur knowledge th imize potential le :: No data avail Bioaccum PBT and v not be excluded sposal of cata dance with all ng name: N ng group: N IRG Guide #	hazards. able ulative potential: No PvB assessment: No d in the event of unpro log-size quantities o l local, state and fed lot Regulated ot applicable Not applicable	data available o data available fessional handling or nly. Federal regula eral regulations or o	disposal. tions may ap contract with	oply to empty c a licensed che	container. State and/or loc emical disposal agency.
Potential health Inhalation: May b Ingestion: May b Skin: Repeated of Eyes: Contact may Signs and symp not available. Exe Additional inform Section 12 Toxicity to fish: Toxicity to daphy Toxicity to daphy Toxicity to algae Persistence and Mobility in soil: Other adverse ef Section 13 These disposal regulations may Section 14 UN/NA number Hazard class: Exceptions: N Section 15 A chemical is consid	rd: Data not available effects: be harmful if inhaled. e harmful if swallowed. or prolonged contact with skin may ca ay cause irritation. toms of exposure: To the best of or ercise appropriate procedures to min mation: RTECS #: Data not available Ecological information No data available nia and other aquatic invertebrates : No data available degradability: No data available No data available degradability: No data available No data available ffects: An environmental hazard can Disposal considerations guidelines are intended for the dir be different. Dispose of in accor Transport information r: Not applicable Not applicable Regulatory information lered to be listed if the CAS number for the	ur knowledge th imize potential le :: No data avail Bioaccum PBT and v not be excluded sposal of cata dance with all ng name: N ig group: N iRG Guide #	hazards. able ulative potential: No PvB assessment: No d in the event of unpro log-size quantities o l local, state and fed lot Regulated ot applicable Not applicable is on the Inventory list.	data available o data available fessional handling or nly. Federal regula eral regulations or o Reportable Qu	disposal. tions may ap contract with Jantity: No	oply to empty c a licensed che Ma	container. State and/or loc emical disposal agency. arine pollutant: No
Potential health Inhalation: May b Skin: Repeated of Skin: Repeated of Eyes: Contact may Signs and symp not available. Exe Additional inform Section 12 Toxicity to fish: Toxicity to dapher Toxicity to da	rd: Data not available effects: be harmful if inhaled. e harmful if swallowed. or prolonged contact with skin may ca ay cause irritation. toms of exposure: To the best of or ercise appropriate procedures to min mation: RTECS #: Data not available Ecological information No data available nia and other aquatic invertebrates : No data available degradability: No data available No data available degradability: No data available No data available ffects: An environmental hazard can Disposal considerations guidelines are intended for the dir be different. Dispose of in accor Transport information r: Not applicable Not applicable Regulatory information lered to be listed if the CAS number for the	ur knowledge th imize potential le :: No data avail Bioaccum PBT and v not be excluded sposal of cata dance with all ng name: N ng group: N IRG Guide #	hazards. able ulative potential: No PvB assessment: No d in the event of unpro log-size quantities o l local, state and fed lot Regulated ot applicable Not applicable	data available o data available fessional handling or nly. Federal regula eral regulations or o	disposal. tions may ap contract with	oply to empty c a licensed che	container. State and/or loc emical disposal agency.

dent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. NTP: National Toxicology Program, IARC: International Agency for Research on Cancer, OSHA: Occupational Safety and Health Administration, STOT: Specific Target Organ Toxicity, SE: Single Exposure, RE: Repeated Exposure, ERG: Emergency Response Guidebook. Form 06/2015

GENERAL STORAGE CODE GREEN

Page E1 of E2

Section 1

Identification

[®] by Aldon **INNOVATING SCIENC**

"Cutting edge science for the classroom"

221 Rochester Street Avon, NY 14414-9409 (585) 226-6177

CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300

For laboratory and industrial use only. Not for drug, food or household use.

Product	SIMULATED BLOOD, TYPE A+

Synonyms Simulated Blood, Type A Positive / Patient	
Section 2 Hazards identification	
Signal word: WARNING Pictograms: GHS07 Target organs: Blood	Precautionary statement(s): P264: Wash hands thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302+P352: IF ON SKIN: Wash with plenty of water and soap. P332+P313: If skin irritation occurs: Get medical attention. P362+P364: Take off contaminated clothing and wash it before reuse. P305+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical attention. P312: Call a POISON CENTER or doctor if you feel unwell.

Hazards not otherwise classified:

Health hazards not otherwise classified (HHNOC) - Not Known Physical hazards not otherwise classified (PHNOC) - Not Known

Section 3	tion 3 Composition / information on ingredients			
Chemical Name		CAS #	%	EINECS
Water Aluminum nitrate, n Food Coloring	onahydrate	7732-18-5 7784-27-2 Mixture	90.1% 9.3% 0.6%	231-791-2 236-751-8 (anhydrous CAS # 13473-90-0) Mixture
Section 4	First aid measures			

INGESTION: MAY BE HARMFUL IF SWALLOWED. Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: CAUSES SERIOUS EYE IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: CAUSES SKIN IRRITATION. Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5 Fire fighting measures

Suitable Extinguishing Media: Use any media suitable for extinguishing supporting fire.

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: In fire conditions, water may evaporate from this solution which may cause hazardous decomposition products to be formed as dust or fume.

Section 6 Accidental release measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale vapors, spray or mist. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, well-ventilated area away from incompatible substances.

Section 8	Exposure controls / personal protection				
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)	
Exposure Linits.	Aluminum nitrate	None established	None established	None established	

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Section 9	Physical and cher	nical properties						
Appearance: Red Odor: No odor. Odor threshold: [pH: Data not avail: Melting / Freezing poin	d liquid. Data not available. lable. int: Approximately 0°C (32°F) roximately 100°C (212°F) ((water) Relative densit	rate (Water = 1): <1 (solid/gas): Data not nits: Lower / Upper: I ure (mm Hg): 14 (wate y (Air = 1): 0.7 (water) y (Specific gravity): App): Complete in water.	Data not available r)	Auto-ignitio Decomposi Viscosity: Molecular f	•	e: Data not availab ire: Data not availa ble. e	
Section 10 Stability and reactivity								
Chemical stability Conditions to avo	 r: Stable rid: Excessive temperature 		lous polymerization: N	Will not occur.				
ncompatible mate	erials: Reducing agents	, organic materials.						
Hazardous decom	position products: Nite	rogen oxides.						
Section 11	Toxicological info	rmation						
IARC: No compone OSHA: No compon Ca Prop 65: This p Reproductive toxi STOT-single expo	ata not available nt of this product present ent of this product presen nent of this product prese roduct does not contain a icity: Data not available isure: Data not available	at at levels greater than on nt at levels greater than o any chemicals known to t	r equal to 0.1% is identi or equal to 0.1% is iden	fied as probable, pos tified as a carcinoge	ssible or confirr n or potential ca	ned human carc arcinogen by OS	· ·	
Aspiration hazard Potential health ei Inhalation: May be Ingestion: May be Skin: Contact with Eyes: Causes seri Signs and sympto	<pre>xposure: Data not availa d: Data not available offects: e harmful if inhaled. harmful if swallowed. skin may cause irritation</pre>	uble e best of our knowledge t		ind toxicological prop	perties have no	t been thorough	ly investigated. Sp	ecific dat
Aspiration hazard Potential health en Ingestion: May be Skin: Contact with Eyes: Causes seri Signs and sympto not available. Exer Additional information	<pre>kposure: Data not availa ffects: harmful if inhaled. harmful if swallowed. ous eye irritation. oms of exposure: To the rcise appropriate procedu ation: RTECS #: Alum</pre>	ble best of our knowledge t ures to minimize potential inum nitrate: BD105000	I hazards.	and toxicological prop	perties have no	t been thorough	ly investigated. Sp	ecific dat
Aspiration hazard Potential health ef Inhalation: May be Ingestion: May be Skin: Contact with Eyes: Causes seri Signs and sympto not available. Exer Additional informa Section 12	cposure: Data not available iffects: a harmful if inhaled. harmful if swallowed. skin may cause irritation ious eye irritation. oms of exposure: To the rcise appropriate procedu tation: RTECS #: Alumi Ecological information	ble best of our knowledge t ures to minimize potential inum nitrate: BD105000	I hazards.	Ind toxicological prop	perties have no	t been thorough	ly investigated. Sp	ecific dat
Aspiration hazard Potential health ef Inhalation: May be Ingestion: May be Skin: Contact with Eyes: Causes seri- Signs and sympto- not available. Exer Additional informa- section 12 Foxicity to fish: N Foxicity to fish: N Foxicity to daphni Foxicity to daphni Foxicity to algae: P Persistence and d Mobility in soil: N Dther adverse effe Section 13 Fhese disposal g	Apposure: Data not available Second State State Second State State State Second State State State Second Sta	ble ble best of our knowledge t ures to minimize potential inum nitrate: BD105000 ation ertebrates: No data ava vailable Bioaccurr PBT and vanazard cannot be excluded rations for the disposal of cata	I hazards. 10 ilable vPvB assessment: No ed in the event of unpro alog-size quantities o	data available o data available fessional handling or nly. Federal regula	disposal. ations may ap	ply to empty c	ontainer. State a	nd/or loc
Aspiration hazard Potential health ef nhalation: May be ngestion: May be Skin: Contact with Eyes: Causes seri- Signs and sympto to available. Exer Additional informa- tection 12 Foxicity to fish: N Foxicity to daphni Foxicity to algae: I Persistence and d Abbility in soil: N Other adverse effect Section 13 Fhese disposal g egulations may b	kposure: Data not available iffects: a harmful if inhaled. harmful if swallowed. skin may cause irritation ious eye irritation. orms of exposure: To the rcise appropriate procedu iation: RTECS #: Alumi Ecological informa ko data available ia and other aquatic inv No data available legradability: No data a lo data available ects: An environmental h Disposal consider uidelines are intended be different. Dispose consected	ble ble ble ble ble ble ble ble	I hazards. 10 ilable vPvB assessment: No ed in the event of unpro alog-size quantities o	data available o data available fessional handling or nly. Federal regula	disposal. ations may ap	ply to empty c	ontainer. State a	nd/or lo
Aspiration hazard Potential health ef Inhalation: May be Ingestion: May be Skin: Contact with Eyes: Causes seri Signs and sympto not available. Exer Additional informa Section 12 Toxicity to fish: N Toxicity to fish: N Toxicity to daphni Toxicity to algae: I Persistence and d Mobility in soil: N Other adverse effect Section 13 These disposal g regulations may b Section 14	posure: Data not available iffects: a harmful if inhaled. harmful if swallowed. skin may cause irritation ious eye irritation. orns of exposure: To the rcise appropriate procedu iation: RTECS #: Alumi Ecological informa No data available degradability: No data a lo data available ects: An environmental h Disposal consider uidelines are intended be different. Dispose c Transport informa	able a best of our knowledge t ures to minimize potential inum nitrate: BD105000 ation ation ertebrates: No data ava vailable Bioaccum PBT and va hazard cannot be exclude rations for the disposal of cata of in accordance with a ation	I hazards. I Ilable nulative potential: No vPvB assessment: No ed in the event of unpro alog-size quantities o Il local, state and fed	data available o data available fessional handling or nly. Federal regula	disposal. ations may ap	ply to empty c	ontainer. State a	nd/or loc
Aspiration hazard Potential health of Inhalation: May be Ingestion: May be Skin: Contact with Eyes: Causes seri Signs and sympto not available. Exer Additional inform Section 12 Toxicity to fish: N Toxicity to daphni Toxicity to daphni Toxic	Apposure: Data not available Constant of the second seco	ble ble ble ble ble ble ble ble	I hazards. I haza	data available o data available fessional handling or nly. Federal regula	disposal. ations may ap contract with	ply to empty c a licensed che	ontainer. State a	nd/or loo gency.
Aspiration hazard Potential health en Indiation: May be Skin: Contact with Eyes: Causes seri- Signs and sympto- to available. Exer Additional informa- fection 12 Toxicity to fish: N Toxicity to algae: In- Persistence and d Mobility in soil: N Other adverse effection 13 These disposal greegulations may be Section 14 JN/NA number: Hazard class: No Exceptions: No Section 15	Apposure: Data not available Constraints Data not available Section S	able able able ares to four knowledge t ares to minimize potential inum nitrate: BD105000 ation ation ertebrates: No data ava bioaccum PBT and v nazard cannot be exclude rations for the disposal of cata of in accordance with a ation Shipping name: I Packing group: N 2020 ERG Guide # ation	I hazards. I haza	data available o data available fessional handling or nly. Federal regula eral regulations or	disposal. ations may ap contract with	ply to empty c a licensed che	ontainer. State a mical disposal ag	nd/or loo gency.
Aspiration hazard Potential health er nhalation: May be Skin: Contact with Eyes: Causes seri Signs and sympto not available. Exer Additional information for a sign of the sympto- to available. Exer Additional information for a sign of the sympto- the symptometry of the sympto- the symptometry of the symptometry for a symptometry of the sympto	Apposure: Data not available Second State State Second State Stat	able a best of our knowledge t ures to minimize potential inum nitrate: BD105000 ation ertebrates: No data avai vailable Bioaccum PBT and v nazard cannot be exclude rations for the disposal of cata of in accordance with a ation Shipping name: I Packing group: N 2020 ERG Guide # intion umber for the anhydrous for	I hazards. I haza	data available o data available fessional handling or nly. Federal regula eral regulations or Reportable Q	disposal. ations may ap contract with uantity: No	ply to empty c a licensed che Ma	ontainer. State a mical disposal ag trine pollutant:	nd/or loo gency. No
Aspiration hazard Potential health ef Inhalation: May be Skin: Contact with Eyes: Causes seri Signs and sympto not available. Exer Additional informs Section 12 Toxicity to fish: N Toxicity to fish: N Toxicity to algae: I Persistence and d Mobility in soil: N Other adverse effe Section 13 These disposal g regulations may b Section 14 UN/NA number: Hazard class: N Exceptions: No Section 15	Apposure: Data not available Constant of the second seco	able able able ares to four knowledge t ares to minimize potential inum nitrate: BD105000 ation ation ertebrates: No data ava bioaccum PBT and v nazard cannot be exclude rations for the disposal of cata of in accordance with a ation Shipping name: I Packing group: N 2020 ERG Guide # ation	I hazards. I haza	data available o data available fessional handling or nly. Federal regula eral regulations or	disposal. ations may ap contract with	ply to empty c a licensed che	ontainer. State a mical disposal ag	nd/or loo gency. No p 65 to contain wr to the S se cancer of

GENERAL STORAGE CODE GREEN

Page E1 of E2

Section 1

Identification

INNOVATING SCIENCE[®] by Aldon 221 Ro.N Avon, N

"Cutting edge science for the classroom"

221 Rochester Street Avon, NY 14414-9409 (585) 226-6177 CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300 For laboratory and industrial use only.

Not for drug, food or household use.

Product	SIMULATED ANTI-SERUM ANTI-A	
Synonyms	Simulated Anti-A Serum / Anti-A Serum	
Section 2	Hazards identification	
Pictograms Target orga GHS Classi Eye irritation GHS Label		Precautionary statement: P264: Wash hands thoroughly after handling. P305+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical attention.

Hazards not otherwise classified:

Health hazards not otherwise classified (HHNOC) - Not Known Physical hazards not otherwise classified (PHNOC) - Not Known

Section 3 Composition / inf	Section 3 Composition / information on ingredients			
Chemical Name	CAS #	%	EINECS	
Water Sodium salicylate FD&C Blue #1 (C.I. No. 42090)	7732-18-5 54-21-7 3844-45-9	91.99% 8.00% 0.001%	231-791-2 200-198-0 223-339-8	
Section 4 First aid measure	s			

INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: CAUSES EYE IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5 Fire fighting measures

Suitable Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: In fire conditions, water may evaporate from this solution which may cause hazardous decomposition products to be formed as dust or fume.

Section 6 Accidental release measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale vapors, spray or mist. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, well-ventilated area away from incompatible substances. Light sensitive.

Section 8	Exposure controls / personal protection				
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)	
Exposure Linits.	Sodium salicylate	Not established	Not established	Not established	

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

approved respirato	Dhusiaal and shar	ningl manageting					
Section 9 Appearance: Liqu	id Clear blue		rate (Water = 1): <1		Partition	oefficient: Data	a not available
Odor: No odor. Odor threshold: I pH: Data not avail	Data not available.	Flammability Explosion lin Vapor pressu	r (solid/gas): Data not nits: Lower / Upper: ure (mm Hg): 14 (wate y (Air = 1): 0.7 (water	Data not available er)	Auto-ignit Decompos Viscosity:	ion temperature	e: Data not available u re: Data not available. ble.
	Approximately 100°C (212°F) (water) Relative density (Specific gravity): Approximately 1.0 (water) Molecular weight: Mixture						
Section 10	on 10 Stability and reactivity						
Chemical stability Conditions to avo	 /: Stable id: Excessive temperatu 		lous polymerization: ation. Protect from ligh				
ncompatible mat	erials: Strong oxidizers,	strong acids.					
lazardous decom	nposition products: Ca	rbon oxides, sodium oxid	les.				
Section 11	Toxicological info	rmation					
ARC: No compone OSHA: No compor Ca Prop 65: This p Reproductive tox	ent of this product present ent of this product presen nent of this product prese product does not contain a	at at levels greater than o nt at levels greater than any chemicals known to t	r equal to 0.1% is iden or equal to 0.1% is ide	tified as probable, po ntified as a carcinoge	ssible or confi n or potential o	med human care carcinogen by OS	0,
STOT-repeated ex Aspiration hazard Potential health e Inhalation: Not exp Ingestion: May be Skin: Contact cause Eyes: Contact mar Signs and symptod	boure: Data not available posure: Data not available ffects: pected to be a health haz harmful by ingestion. ses irritation. y cause irritation.	e able ard. e best of our knowledge t		and toxicological prop	perties have n	ot been thorough	nly investigated. Specific dat
STOT-repeated ex Aspiration hazard Potential health en nhalation: Not exp ngestion: May be Skin: Contact cause Eyes: Contact mar Signs and symptotic not available. Exer Additional inform	bure: Data not available posure: Data not available iffects: pected to be a health haz harmful by ingestion. ses irritation. y cause irritation. oms of exposure: To the rcise appropriate procedu- nation: RTECS #: VO50	e and. e best of our knowledge i ures to minimize potentia 75000 [Sodium salicylate	l hazards.	and toxicological prop	perties have n	ot been thorough	nly investigated. Specific dat
STOT-repeated ex Aspiration hazard Potential health e Inhalation: Not exp ingestion: May be Skin: Contact caus Eyes: Contact may Signs and sympton to available. Exer Additional inform Section 12	bure: Data not available posure: Data not available ffects: pected to be a health haz harmful by ingestion. ses irritation. y cause irritation. oms of exposure: To the rcise appropriate procedu- tation: RTECS #: VO50 Ecological information	e and. e best of our knowledge t rres to minimize potentia 75000 [Sodium salicylate ation	l hazards. 9]		perties have n	ot been thorough	nly investigated. Specific dat
STOT-repeated ex Aspiration hazard Potential health e Inhalation: Not exp Ingestion: May be Skin: Contact caus Eyes: Contact may Signs and sympto not available. Exe Additional inform Section 12 Foxicity to fish: L Foxicity to fish: L Foxicity to fish: Coxicity to algae: Persistence and d Mobility in soil: N	osure: Data not available posure: Data not available posure: Data not available offects: pected to be a health haz harmful by ingestion. ses irritation. y cause irritation. oms of exposure: To the rcise appropriate proceded intion: RTECS #: VO50 Ecological information C50 - Pimephales prome- ia and other aquatic inv No data available degradability: No data a	e best of our knowledge i ures to minimize potentia 75000 [Sodium salicylate ation ertebrates: No data ava vailable Bioaccun PBT and v	I hazards. a] ,370 mg/I - 96 h [Sodiu ilable nulative potential: No vPvB assessment: N	um salicylate] o data available lo data available		ot been thorough	nly investigated. Specific dat
STOT-repeated ex Aspiration hazard Potential health enhalation: Not exp ingestion: May be Skin: Contact cause Eyes: Contact may Signs and symptotion tot available. Exe Additional inform ection 12 Poxicity to fish: L Poxicity to daphni Poxicity to algae: Persistence and co Mobility in soil: Nother adverse effort	besure: Data not available prosure: Data not available prosure: Data not available offects: pected to be a health haz harmful by ingestion. ses irritation. y cause irritation. oms of exposure: To the rcise appropriate procedu- tation: RTECS #: VO50 Ecological information C50 - Pimephales prome- ia and other aquatic inv No data available degradability: No data a No data available	e best of our knowledge i ures to minimize potentia 75000 [Sodium salicylate ation ertebrates: No data ava vailable Bioaccun PBT and v nazard cannot be exclude	I hazards. a] ,370 mg/I - 96 h [Sodiu ilable nulative potential: No vPvB assessment: N	um salicylate] o data available lo data available		ot been thorough	nly investigated. Specific dat
STOT-repeated ex- Aspiration hazard Potential health en- halation: Not exp ngestion: May be Skin: Contact cause yes: Contact may igns and sympton tot available. Exec Additional inform ection 12 oxicity to fish: L oxicity to fish: L oxicity to daphnic oxicity to algae: rersistence and d lobility in soil: No ther adverse effor- ection 13 These disposal g	osure: Data not available posure: Data not available offects: pected to be a health haz harmful by ingestion. ses irritation. y cause irritation. y cause irritation. oms of exposure: To the rcise appropriate procedu- tation: RTECS #: VOSO Ecological information CS0 - Pimephales prome- ia and other aquatic inv No data available degradability: No data a lo data available ects: An environmental h Disposal consider guidelines are intended	e best of our knowledge i ures to minimize potentia 75000 [Sodium salicylate ation ettebrates: No data ava vailable pBT and s nazard cannot be exclude rations for the disposal of cat	I hazards. a] ,370 mg/I - 96 h [Sodiu ilable nulative potential: No vPvB assessment: No ed in the event of unpre- alog-size quantities of	um salicylate] o data available lo data available ofessional handling or only. Federal regula	⁻ disposal. ations may a	pply to empty c	container. State and/or lo
STOT-repeated ex Aspiration hazard Potential health enhalation: Not exp ingestion: May be Skin: Contact cause Signs and symptotic tot available. Exect Additional inform ection 12 Foxicity to fish: L foxicity to fish: L foxicity to algae: Persistence and d Tobility in soil: No Other adverse effor Section 13 These disposal g egulations may be	osure: Data not available posure: Data not available prosure: Data not available iffects: pected to be a health haz harmful by ingestion. ses irritation. y cause irritation. oms of exposure: To the rcise appropriate procedu- lation: RTECS #: VOSO Ecological information C50 - Pimephales prome- ia and other aquatic inv No data available degradability: No data a lo data available ects: An environmental h Disposal consider uidelines are intended be different. Dispose of	e best of our knowledge i ures to minimize potentia 75000 [Sodium salicylate ation ertebrates: No data ava vailable Bioaccum PBT and nazard cannot be exclude rations for the disposal of cat of in accordance with a	I hazards. a] ,370 mg/I - 96 h [Sodiu ilable nulative potential: No vPvB assessment: No ed in the event of unpre- alog-size quantities of	um salicylate] o data available lo data available ofessional handling or only. Federal regula	⁻ disposal. ations may a	pply to empty c	
STOT-repeated examples of the second	osure: Data not available posure: Data not available prosure: Data not available offects: pected to be a health haz harmful by ingestion. ses irritation. y cause irritation. oms of exposure: To the rcise appropriate procedu- tation: RTECS #: VO50 Ecological informa C50 - Pimephales prome- ia and other aquatic inv No data available degradability: No data a lo data available dets: An environmental h Disposal consider uidelines are intended be different. Dispose of Transport informa	e best of our knowledge i ures to minimize potentia 75000 [Sodium salicylate ation ertebrates: No data ava vailable Bioaccun PBT and v nazard cannot be exclude rations for the disposal of cat of in accordance with a ation	I hazards. a] ,370 mg/l - 96 h [Sodiu ilable nulative potential: No vPvB assessment: N ed in the event of unpre- alog-size quantities of Il local, state and feo	um salicylate] o data available lo data available ofessional handling or only. Federal regula	⁻ disposal. ations may a	pply to empty c	container. State and/or lo
STOT-repeated examples to the second	osure: Data not available posure: Data not available prosure: Data not available offects: pected to be a health haz harmful by ingestion. ses irritation. y cause irritation. oms of exposure: To the rcise appropriate procedu- tation: RTECS #: VO50 Ecological information C50 - Pimephales prome- ia and other aquatic inv No data available degradability: No data a lo data available dets: An environmental h Disposal consider uidelines are intended be different. Dispose of Transport information Not applicable Not applicable	e best of our knowledge i ures to minimize potentia 75000 [Sodium salicylate ation ertebrates: No data ava vailable Bioaccum PBT and nazard cannot be exclude rations for the disposal of cat of in accordance with a	I hazards. a] ,370 mg/l - 96 h [Sodiu ilable nulative potential: No vPvB assessment: N ed in the event of unpre- alog-size quantities of ill local, state and feo Not Regulated Not applicable	um salicylate] o data available lo data available ofessional handling or only. Federal regula	^r disposal. ations may a contract with	pply to empty c a licensed che	container. State and/or lo
ATOT-repeated ex- spiration hazard votential health en- halation: Not ex- pagestion: May be kin: Contact cause yes: Contact may igns and sympto ot available. Exel district and sympto oxicity to fish: L oxicity to fish: L oxicity to daphni oxicity to daphni oxicity to daphni oxicity to algae: ersistence and c lobility in soil: N ther adverse effor ection 13 hese disposal g egulations may be ection 14 UN/NA number: lazard class: N exceptions: No	osure: Data not available posure: Data not available prosure: Data not available offects: pected to be a health haz harmful by ingestion. ses irritation. y cause irritation. oms of exposure: To the rcise appropriate procedu- tation: RTECS #: VO50 Ecological information C50 - Pimephales prome- ia and other aquatic inv No data available degradability: No data a lo data available dets: An environmental h Disposal consider uidelines are intended be different. Dispose of Transport information Not applicable Not applicable	e best of our knowledge i ures to minimize potentia 75000 [Sodium salicylate ation ertebrates: No data avai vailable Bioaccum PBT and v hazard cannot be exclude rations for the disposal of cat of in accordance with a ation Shipping name: Packing group: N 2020 ERG Guide #	I hazards. a] ,370 mg/l - 96 h [Sodiu ilable nulative potential: No vPvB assessment: N ed in the event of unpre- alog-size quantities of ill local, state and feo Not Regulated Not applicable	um salicylate] o data available lo data available ofessional handling of only. Federal regula deral regulations or	^r disposal. ations may a contract with	pply to empty c a licensed che	container. State and/or loc emical disposal agency.
STOT-repeated examples to the second	osure: Data not available posure: Data not available prosure: Data not available offects: pected to be a health haz harmful by ingestion. ses irritation. y cause irritation. oms of exposure: To the rcise appropriate procedu- tation: RTECS #: VO50 Ecological information: C50 - Pimephales prome- ia and other aquatic invo No data available degradability: No data a lo data available degradability: No data a lo data available degradability: No data a lo data available dets: An environmental h Disposal consider uidelines are intended be different. Dispose of Transport informatic Not applicable Not applicable ot applicable Regulatory informatic red to be listed if the CAS muticipal processing and the cos muticipal proce	e best of our knowledge i ures to minimize potentia 75000 [Sodium salicylate ation ertebrates: No data ava vailable Bioaccun PBT and v nazard cannot be exclude rations for the disposal of cat of in accordance with a ation Shipping name: Packing group: N 2020 ERG Guide # ation	I hazards. a] ,370 mg/I - 96 h [Sodiu ilable nulative potential: No vPVB assessment: N ed in the event of unpre- alog-size quantities of ill local, state and feo Not Regulated Not Regulated Not applicable ‡ Not applicable m is on the Inventory list.	um salicylate] o data available lo data available ofessional handling of only. Federal regula deral regulations or	^r disposal. ations may a contract with n tity: No	pply to empty c a licensed che	container. State and/or loo emical disposal agency.
ATOT-repeated ex- spiration hazard votential health en- halation: Not ex- possion: May be kin: Contact cause yes: Contact may igns and sympto ot available. Exel district a sympto ot available. Exel district a sympto- oxicity to fish: L coxicity to algae: ersistence and c lobility in soil: N ther adverse effor- section 13 hese disposal g egulations may be ection 14 UN/NA number: lazard class: N exceptions: Ne	osure: Data not available posure: Data not available prosure: Data not available offects: pected to be a health haz harmful by ingestion. ses irritation. y cause irritation. oms of exposure: To the rcise appropriate procedu- tation: RTECS #: VO50 Ecological information: C50 - Pimephales prome- ia and other aquatic invo No data available degradability: No data a lo data available degradability: No data a lo data available degradability: No data a lo data available dets: An environmental h Disposal consider uidelines are intended be different. Dispose of Transport informatic Not applicable Not applicable ot applicable Regulatory informatic red to be listed if the CAS muticipal processing and the cos muticipal proce	e best of our knowledge i ures to minimize potentia 75000 [Sodium salicylate ation ertebrates: No data ava vailable Bioaccun PBT and v nazard cannot be exclude rations for the disposal of cat of in accordance with a ation Shipping name: Packing group: N 2020 ERG Guide # ation	I hazards. a] ,370 mg/l - 96 h [Sodiu ilable nulative potential: No vPvB assessment: N ed in the event of unpre- alog-size quantities of Il local, state and feo Not Regulated Not Regulated vot applicable f Not applicable	um salicylate] o data available lo data available ofessional handling of only. Federal regula deral regulations or	^r disposal. ations may a contract with	pply to empty c a licensed che	container. State and/or loc emical disposal agency.
STOT-repeated ex Aspiration hazard Potential health enhalation: Not exp ngestion: May be Skin: Contact cause Eyes: Contact may Signs and symptothealth enhalation: Contact cause Eyes: Contact may Signs and symptothealth enhalthealthealthealthealthealthealthealth	osure: Data not available posure: Data not available prosure: Data not available offects: pected to be a health haz harmful by ingestion. ses irritation. y cause irritation. oms of exposure: To the rcise appropriate procedu- tation: RTECS #: VO50 Ecological information: C50 - Pimephales prome- ia and other aquatic invo No data available degradability: No data a lo data available degradability: No data a lo data available degradability: No data a lo data available dets: An environmental h Disposal consider uidelines are intended be different. Dispose of Transport informatic Not applicable Not applicable ot applicable Regulatory informatic red to be listed if the CAS muticipal processing and the cos muticipal proce	e best of our knowledge i ures to minimize potentia 75000 [Sodium salicylate ation ertebrates: No data avai vailable Bioaccum PBT and v hazard cannot be exclude rations for the disposal of cat of in accordance with a ation Shipping name: Packing group: N 2020 ERG Guide # ation unber for the anhydrous for TSCA Listed	I hazards. a] ,370 mg/I - 96 h [Sodiu ilable nulative potential: No vPVB assessment: N ed in the event of unpre- alog-size quantities of ill local, state and feo Not Regulated Not Regulated Not applicable ‡ Not applicable m is on the Inventory list.	um salicylate] o data available lo data available ofessional handling of only. Federal regul deral regulations or Reportable Qua	^r disposal. ations may a contract with n tity: No	pply to empty c a licensed che	container. State and/or loo emical disposal agency. arine pollutant: No

GENERAL STORAGE CODE GREEN

Page E1 of E2

Section 1

Identification

INNOVATING SCIENCE® by Aldon 221 Roc Avon, W

"Cutting edge science for the classroom"

221 Rochester Street Avon, NY 14414-9409 (585) 226-6177 CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300 For laboratory and industrial use only. Not for drug, food or household use.

SIMULATED ANTI-SERUM ANTI-B Product Synonyms Simulated Anti-B Serum / Anti-B Serum Section 2 Hazards identification This substance or mixture has not been classified as hazardous according Supplemental information: to the Globally Harmonized System (GHS) of Classification and Labeling of Do not breathe mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands Chemicals. thoroughly after handling. Get medical attention if you feel unwell. Signal word: None required Pictograms: No symbol required Target organs: None known GHS Classification: None required GHS Label information: Hazard statement: None required Precautionary statement: None required

Hazards not otherwise classified:

Health hazards not otherwise classified (HHNOC) - Not Known Physical hazards not otherwise classified (PHNOC) - Not Known

Section 3	3 Composition / information on ingredients					
Chemical Name		CAS #	%	EINECS		
Water Sodium sulfate FD&C Yellow #5 (C	C.I. No. 19140)	7732-18-5 7757-82-6 1934-21-0	84.992% 15.000% 0.008%	231-791-2 231-820-9 217-699-5		
Section 4	First aid measures					

INGESTION: MAY BE HARMFUL IF SWALLOWED. Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: MAY BE HARMFUL IF INHALED. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: MAY CAUSE TRANSIENT IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: MAY CAUSE TRANSIENT IRRITATION. Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5 Fire fighting measures

Suitable Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: In fire conditions, water may evaporate from this solution which may cause hazardous decomposition products to be formed as dust or fume.

Section 6 Accidental release measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale vapors, spray or mist. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, well-ventilated area away from incompatible substances.

Section 8	Exposure controls / personal protection				
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)	
Exposure Linits.	Sodium sulfate	None established.	None established.	None established.	

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If misty conditions prevail, work in fume hood or wear a NIOSH/MSHAapproved respirator.

Section 9 Physical and chemical	Physical and chemical properties					
Appearance: Liquid. Clear yellow. Odor: No odor. Odor threshold: Data not available. pH: Data not available Melting / Freezing point: Approximately 0°C (32°F) (water) Boiling point: Approximately 100°C (212°F) (water) Flash point: Data not available	Evaporation rate (Water = 1): <1 Flammability (solid/gas): Data not available. Explosion limits: Lower / Upper: Data not available Vapor pressure (mm Hg): 14 (water) Vapor density (Air = 1): 0.7 (water) Relative density (Specific gravity): Approximately 1.0 (water) Solubility(ies): Complete in water.	Partition coefficient: Data not available Auto-ignition temperature: Data not available Decomposition temperature: Data not available. Viscosity: Data not available. Molecular formula: Mixture Molecular weight: Mixture				
Section 10 Stability and reactivity						

Chemical stability: Stable

Form 06/2015

Hazardous polymerization: Will not occur.

Conditions to avoid: Excessive temperatures which cause evaporation.

Incompatibilities with other materials: Molten active metals, including aluminum and magnesium, acids.

Hazardous decomposition products: Oxides of sulfur.

Section 11 Toxicological information

Acute toxicity: Oral-rat LD50: >10,000 mg/kg Skin corrosion/irritation: Data not available Serious eye damage/irritation: Data not available Respiratory or skin sensitization: Data not available Germ cell mutagenicity: Data not available Carcinogenity: Data not available NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. Ca Prop 65: This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity. Reproductive toxicity: Data not available STOT-single exposure: Data not available STOT-repeated exposure: Data not available Aspiration hazard: Data not available Potential health effects: Inhalation: May be harmful if inhaled. Ingestion: May be harmful if swallowed. Skin: May cause mild irritation. Eyes: May cause mild irritation. Signs and symptoms of exposure: To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated. Specific data is not available. Exercise appropriate procedures to minimize potential hazards. Additional information: RTECS #: No data available Section 12 Ecological information Toxicity to fish: Gambusia affinis (Fish, fresh water) LC50: 120 mg/l/96 hours [Sodium sulfate] Toxicity to daphnia and other aquatic invertebrates: Daphnia magna (Crustacea) EC50: 630 mg/l/96 hours [Sodium sulfate] Toxicity to algae: Chlorella pyrenoidosa (Algae) EC199: 57,700 mg/l/8 days [Sodium sulfate] Persistence and degradability: No data available Bioaccumulative potential: No data available PBT and vPvB assessment: No data available Mobility in soil: No data available Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Section 13 **Disposal considerations** These disposal guidelines are intended for the disposal of catalog-size quantities only. Federal regulations may apply to empty container. State and/or local regulations may be different. Dispose of in accordance with all local, state and federal regulations or contract with a licensed chemical disposal agency. Section 14 Transport information UN/NA number: Not applicable Shipping name: Not Regulated Hazard class: Not applicable Packing group: Not applicable Reportable Quantity: No Marine pollutant: No 2020 ERG Guide # Not applicable Exceptions: Not applicable Section 15 **Regulatory information** A chemical is considered to be listed if the CAS number for the anhydrous form is on the Inventory list. CERLCA (RQ) DSL NDSL Component TSCA RCRA code CA Prop 65 This product does not contain Sodium sulfate Listed Not listed Not listed Listed Not listed any chemicals known to the State of California to cause cancer or reproductive toxicity. Section 16 Other information The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make indepen-

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. NTP: National Toxicology Program, IARC: International Agency for Research on Cancer, OSHA: Occupational Safety and Health Administration, STOT: Specific Target Organ Toxicity, SE: Single Exposure, RE: Repeated Exposure, ERG: Emergency Response Guidebook. Section 1

Identification

SAFETY DATA SHEET

GENERAL STORAGE CODE GREEN

Page E1 of E2

"Cutting edge science for the classroom"

221 Rochester Street Avon, NY 14414-9409 (585) 226-6177 CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300 For laboratory and industrial use only. Not for drug, food or household use.

Product	SIMULATED ANTI-SERUM ANTI-RH	
Synonyms	Simulated Anti-Rh Serum / Anti-Rh Serum	
Section 2	Hazards identification	
Pictograms Target orga GHS Classi Eye irritation GHS Label		Precautionary statement: P264: Wash hands thoroughly after handling. P305+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical attention.

Hazards not otherwise classified:

Health hazards not otherwise classified (HHNOC) - Not Known Physical hazards not otherwise classified (PHNOC) - Not Known

Section 3 Compo	ition / information or	ingredients			
hemical Name		CAS #	%	EINECS	
Vater Sodium salicylate		7732-18-5 54-21-7	92.00% 8.00%	231-791-2 200-198-0	

INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: CAUSES EYE IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5 Fire fighting measures

Suitable Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: In fire conditions, water may evaporate from this solution which may cause hazardous decomposition products to be formed as dust or fume.

Section 6 Accidental release measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale vapors, spray or mist. Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, well-ventilated area away from incompatible substances. Light sensitive. Protect from light.

Section 8	Exposure controls / personal prot	ection		
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)
Exposure Linits.	Sodium salicylate	Not established	Not established	Not established

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If misty conditions prevail, work in fume hood or wear a NIOSH/MSHAapproved respirator.

Section 9	Physical and chen	nical properties					
	Data not available. lable. int: Approximately 0°C (32°F) (roximately 100°C (212°F) (v	Water) Flammability Explosion lim Vapor pressu Vapor density Relative density	ate (Water = 1): <1 (solid/gas): Data not its: Lower / Upper: re (mm Hg): 14 (water (Air = 1): 0.7 (water) (Specific gravity): App : Complete in water.	Data not available er))	Auto-ignit Decompos Viscosity: Molecular		e: Data not available are: Data not available. ble. re
Section 10	Stability and react	ivity					
Chemical stability Conditions to avo	 r: Stable id: Excessive temperatu 		tion. Light sensitive.	Will not occur.			
Incompatible mat	erials: Strong oxidizers,	strong acids.					
Hazardous decon	nposition products: Car	bon oxides, sodium oxide	es.				
Section 11	Toxicological infor	mation					
IARC: No compone OSHA: No compore Ca Prop 65: This p Reproductive tox STOT-single expo STOT-repeated ex Aspiration hazarce Potential health e	nt of this product present ent of this product presen nent of this product presen orduct does not contain a icity : Data not available osure : Data not available gposure : Data not available ffects :	t at levels greater than or nt at levels greater than o any chemicals known to th	equal to 0.1% is ident r equal to 0.1% is iden	tified as probable, pos ntified as a carcinoge	ssible or confir n or potential o	med human card carcinogen by OS	
Ingestion: Harmfu Skin: Prolonged c Eyes: Causes seri Signs and sympto not available. Exe	I if swallowed. ontact may cause irritation ious eye irritation. oms of exposure: To the rcise appropriate procedu	e best of our knowledge th ires to minimize potential	ne chemical, physical - hazards.	and toxicological prop	perties have no	ot been thorough	ly investigated. Specific dat
Ingestion: Harmfu Skin: Prolonged c Eyes: Causes ser Signs and sympt not available. Exe Additional inform Section 12	I if swallowed. ontact may cause irritation ious eye irritation. oms of exposure: To the rcise appropriate procedu lation: RTECS #: VO50 Ecological informa	n and/or defatting of skin. e best of our knowledge ti irres to minimize potential 75000 [Sodium salicylate] i tion	ne chemical, physical hazards.		perties have no	ot been thorough	ly investigated. Specific dat
Ingestion: Harmfu Skin: Prolonged of Eyes: Causes ser Signs and sympto not available. Exe Additional inform Section 12 Toxicity to fish: L Toxicity to fish: L Toxicity to daphni Toxicity to algae: Persistence and of Mobility in soil: N Other adverse effor Section 13 These disposal g regulations may	I if swallowed. ontact may cause irritation ious eye irritation. oms of exposure: To the rcise appropriate procedu lation: RTECS #: VO50' Ecological informa C50 - Pimephales prome ia and other aquatic invo No data available degradability: No data av lo data available ects: An environmental h Disposal consider uidelines are intended	n and/or defatting of skin. e best of our knowledge th irres to minimize potential 75000 [Sodium salicylate ation las (fathead minnow) - 1, ertebrates: No data avail vailable Bioaccum PBT and v nazard cannot be exclude ations for the disposal of cata f in accordance with al	ne chemical, physical hazards. 370 mg/l - 96 h [Sodiu able ulative potential: No PvB assessment: N d in the event of unpro- log-size quantities of	m salicylate] data available o data available ofessional handling or only. Federal regula	disposal. ations may a	pply to empty c	ly investigated. Specific dat sontainer. State and/or loc emical disposal agency.
Ingestion: Harmfu Skin: Prolonged of Eyes: Causes ser Signs and sympto not available. Exe Additional inform Section 12 Toxicity to fish: L Toxicity to fish: L Toxicity to daphni Toxicity to algae: Persistence and of Mobility in soil: N Other adverse effo Section 13 These disposal g regulations may 1 Section 14	I if swallowed. ontact may cause irritation ious eye irritation. oms of exposure: To the rcise appropriate procedu lation: RTECS #: VO50' Ecological informa C50 - Pimephales prome ia and other aquatic invo No data available degradability: No data available dets: An environmental h Disposal consider uidelines are intended be different. Dispose o Transport informa	n and/or defatting of skin. best of our knowledge the tres to minimize potential 75000 [Sodium salicylate ation las (fathead minnow) - 1, ertebrates: No data availe vailable Bioaccum PBT and vertice ations for the disposal of cata f in accordance with al ation	ne chemical, physical hazards. 370 mg/l - 96 h [Sodiu able ulative potential: No PvB assessment: N d in the event of unpro log-size quantities of local, state and fec	m salicylate] data available o data available ofessional handling or only. Federal regula	disposal. ations may a	pply to empty c	container. State and/or loc
Ingestion: Harmfu Skin: Prolonged of Eyes: Causes seri Signs and sympto- not available. Exe Additional inform Section 12 Toxicity to fish: L Toxicity to fish: L Toxicity to algae: Persistence and of Mobility in soil: N Other adverse effo Section 13 These disposal g regulations may be Section 14 UN/NA number: Hazard class: N	I if swallowed. ontact may cause irritation ious eye irritation. oms of exposure: To the rcise appropriate procedu lation: RTECS #: VO50' Ecological informa C50 - Pimephales prome ia and other aquatic invo No data available degradability: No data available dets: An environmental h Disposal consider udelines are intended be different. Dispose o Transport informa : Not applicable	n and/or defatting of skin. e best of our knowledge th irres to minimize potential 75000 [Sodium salicylate ation las (fathead minnow) - 1, ertebrates: No data avail vailable Bioaccum PBT and v nazard cannot be exclude ations for the disposal of cata f in accordance with al	ne chemical, physical hazards. 370 mg/l - 96 h [Sodiu able ulative potential: No PvB assessment: N d in the event of unpro log-size quantities of local, state and fec local, state and fec lot Regulated ot applicable	m salicylate] data available o data available ofessional handling or only. Federal regula	⁻ disposal. ations may a contract with	pply to empty c a licensed che	container. State and/or loc
Ingestion: Harmfu Skin: Prolonged of Eyes: Causes seri Signs and sympto- not available. Exe Additional inform Section 12 Toxicity to fish: L Toxicity to fish: L Toxicity to algae: Persistence and of Mobility in soil: N Other adverse effo Section 13 These disposal gregulations may be Section 14 UN/NA number: Hazard class: N Exceptions: N Section 15	I if swallowed. ontact may cause irritation ious eye irritation. oms of exposure: To the rcise appropriate procedu lation: RTECS #: VO50' Ecological informa C50 - Pimephales prome ia and other aquatic invo No data available degradability: No data available degradability: No data available dets: An environmental h Disposal consider uidelines are intended be different. Dispose o Transport informa : Not applicable Not applicable ot applicable Regulatory inform	n and/or defatting of skin. be best of our knowledge the tires to minimize potential 75000 [Sodium salicylate] ation las (fathead minnow) - 1, ertebrates: No data avail vailable Bioaccum PBT and v nazard cannot be exclude ations for the disposal of cata f in accordance with all ation Shipping name: N Packing group: N 2020 ERG Guide # ation	ne chemical, physical hazards. 370 mg/l - 96 h [Sodiu able ulative potential: No PvB assessment: N d in the event of unpro log-size quantities of local, state and feo local, state and feo lot Regulated ot applicable Not applicable	m salicylate] data available o data available ofessional handling or only. Federal regulations or	⁻ disposal. ations may a contract with	pply to empty c a licensed che	container. State and/or loo emical disposal agency.
Ingestion: Harmfu Skin: Prolonged of Eyes: Causes seri Signs and sympto- not available. Exe Additional inform Section 12 Toxicity to fish: L Toxicity to fish: L Toxicity to algae: Persistence and of Mobility in soil: N Other adverse effo Section 13 These disposal g regulations may b Section 14 UN/NA number: Hazard class: N Exceptions: N Section 15 A chemical is conside	I if swallowed. ontact may cause irritation ious eye irritation. oms of exposure: To the rcise appropriate procedu lation: RTECS #: VO50' Ecological informa C50 - Pimephales prome ia and other aquatic invo No data available degradability: No data available degradability: No data available dets: An environmental h Disposal consider udelines are intended be different. Dispose o Transport informa : Not applicable Not applicable det applicable Regulatory inform	n and/or defatting of skin. be best of our knowledge the tires to minimize potential 75000 [Sodium salicylate ation las (fathead minnow) - 1, ertebrates: No data avail vailable Bioaccum PBT and v nazard cannot be exclude ations for the disposal of cata f in accordance with all ation Shipping name: N Packing group: N 2020 ERG Guide # ation mber for the anhydrous form	ne chemical, physical hazards. 370 mg/l - 96 h [Sodiu able ulative potential: No PvB assessment: N d in the event of unpro log-size quantities of local, state and fec local, state and fec lot Regulated ot applicable Not applicable is on the Inventory list.	m salicylate] data available o data available ofessional handling of only. Federal regula leral regulations or Reportable Qua	⁻ disposal. ations may a contract with ntity: No	pply to empty c a licensed che Ma	container. State and/or loc emical disposal agency.
Ingestion: Harmfu Skin: Prolonged c Eyes: Causes ser Signs and sympto not available. Exe Additional inform Section 12 Toxicity to fish: L Toxicity to fish: L Toxicity to daphen Toxicity to algae: Persistence and c Mobility in soil: N Other adverse effo Section 13 These disposal g regulations may b Section 14 UN/NA number: Hazard class: N Exceptions: N Section 15	I if swallowed. ontact may cause irritation ious eye irritation. oms of exposure: To the rcise appropriate procedu lation: RTECS #: VO50' Ecological informa C50 - Pimephales prome ia and other aquatic invo No data available degradability: No data available degradability: No data available dets: An environmental h Disposal consider udelines are intended be different. Dispose o Transport informa : Not applicable Not applicable det applicable Regulatory inform	n and/or defatting of skin. be best of our knowledge the tires to minimize potential 75000 [Sodium salicylate] ation las (fathead minnow) - 1, ertebrates: No data avail vailable Bioaccum PBT and v nazard cannot be exclude ations for the disposal of cata f in accordance with all ation Shipping name: N Packing group: N 2020 ERG Guide # ation	ne chemical, physical hazards. 370 mg/l - 96 h [Sodiu able ulative potential: No PvB assessment: N d in the event of unpro log-size quantities of local, state and feo local, state and feo lot Regulated ot applicable Not applicable	m salicylate] data available o data available ofessional handling or only. Federal regulations or	⁻ disposal. ations may a contract with	pply to empty c a licensed che	container. State and/or loo emical disposal agency.

ERG: Emergency Response Guidebook.

Form 06/2015