SAFETY DATA SHEET

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Section 1

Identification

"Cutting edge science for the classroom"

By Aldon Corporation 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	COPPER(II) SULFATE, 1.0 MOLAR SOLUTION	
Synonyms	Cupric Sulfate, Water Solution	
Section 2	Hazards identification	
Target organ: GHS Classifi Acute toxicity- Skin irritation (Eye irritation (Aquatic acute Aquatic chron GHS Label in H302: Harmfu H315: Causes H319: Causes	GHS07 / GHS09 is: Liver, Kidneys, Lungs, Spleen. ication: -oral (Category 4)	 Precautionary statement: P264: Wash hands thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P312: IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor if you feel unwell. P302+P352: IF ON SKIN: Wash with plenty of water and soap. P305+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313: If skin irritation occurs: Get medical attention. P362+P364: Take off contaminated clothing and wash it before reuse. P391: Collect spillage. P501: Dispose of contents/container to a licensed chemical disposal agency in accordance with local/regional/national regulations.

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

Section 3	on 3 Composition / information on ingredients					
Chemical Name		CAS #	%	EINECS		
Water Cupric sulfate, pent	ahydrate	7732-18-5 7758-99-8	75.03% 24.97%	231-791-2 231-847-6 (anhydrous)		
Section 4	First aid measures					

INGESTION: 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: HARMFUL IF INHALED. CAUSES RESPIRATORY TRACT IRRITATION. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: CAUSES SEVERE 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: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

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.

Containment and Cleanup: Absorb with inert dry material, sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

Section 7 Handling and storage

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)		
	Copper, dusts and mists, as Cu	TWA: 1 mg/m ³	TWA: 1 mg/m ³	TWA: 1 mg/m ³		

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 pr	operties	
Appearance: Clear, blue liquid. 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

Hazardous polymerization: Will not occur.

Conditions to avoid: Excessive temperatures which cause evaporation.

Incompatible materials: Reducing agents, acetylene or nitromethane, magnesium, strong bases, alkalines, phosphates, hydrazine, zirconium. Can corrode aluminum, steel and iron.

Hazardous decomposition products: Oxides of sulfur and copper fumes.

Section 11 Toxicological information

Acute toxicity: Oral-rat LD50: 300 mg/kg [Copper sulfate anhydrous] 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 cause irritation to the mucous membranes and upper respiratory tract.

Ingestion: Ingestion can cause irritation to the digestive tract and abdominal pain.

Skin: Contact with skin causes slight irritation. Excessive exposure may cause allergic dermatitis. May cause irritation or burns on wet skin.

Eyes: Can cause severe irritation and may result in irreversible eye damage.

Signs and symptoms of exposure: Note to physician: Probable mucosal damage may contradict the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed. Wilson's disease can be aggravated by excessive exposure. Symptoms include nausea, vomiting, gastrointestinal pain, diarrhea, dizziness, jaundice, and general debility.

Additional information: RTECS #: GL8900000 [Copper sulfate pentahydrate]

Section 12 Ecological information

Toxicity to fish: Salmo gairdneri (fish, estuary, fresh water), LC50 = < 0.75-0.84 mg/L [Copper sulfate anhydrous]

Toxicity to daphnia and other aquatic invertebrates: No data available

Toxicity to algae: No data available Persistence and degradability: No Mobility in soil: No data available

Persistence and degradability: No data available Bioaccumulative potential: No data available

PBT and vPvB assessment: 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 Hazard class: Not applicable Exceptions: Not applicable	Shipping name:Not RegulatedPacking group:Not applicable2020 ERG Guide #Not applicable	Reportable Quantity: No	Marine pollutant: No
Section 15 Regulatory informa	tion		
A chamical is considered to be listed if the CAS num	abor for the aphydrous form is on the Inventory list		

Component	TSCA	CERLCA (RQ)	RCRA code	DSL	NDSL	CA Prop 65
Cupric sulfate	Listed	10 lbs (4.54 kg)	Not listed	Not listed	Not listed	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 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.

SAFETY DATA SHEET

GENERAL STORAGE CODE GREEN

Page E1 of E2

Section 1

Identification

INNOVATING SCIENCE

"Cutting edge science for the classroom"

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HYDROGEN PEROXIDE 3% Product Synonyms Hydrogen peroxide aqueous solution, stabilized, Dihydrogen Dioxide Section 2 Hazards identification Signal word: WARNING **Precautionary statement:** Pictograms: No symbol required P264: Wash hands thoroughly after handling. Target organs: Respiratory and gastrointestinal systems, skin, eyes P305+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **GHS Classification:** P337+P313: If eye irritation persists: Get medical attention. Acute toxicity (Category 5) P312: Call a POISON CENTER or doctor if you feel unwell. Eye irritation (Category 2B) GHS Label information: Hazard statement: H303: May be harmful if swallowed. H320: Causes eye irritation.

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 Hydrogen peroxide Acetanilide		7732-18-5 7722-84-1 103-84-4	<97% 3% 0.05%	231-791-2 231-765-0 203-150-7		
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 IRRITATION TO EYES. 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: Water only! Apply vast amounts for cooling and dilution.

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: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. This product is a strong oxidizer which may release oxygen and promote the combustion of flammable materials. Spontaneous combustion can occur if allowed to remain in contact with oxidizable materials. Drying of product on clothing or combustible material may cause fire.

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.

Containment and Cleanup: Remove all sources of ignition. Absorb with inert dry material, sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

Section 7 Handling and storage

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.	Hydrogen peroxide	TWA: 1 ppm ; 1.4 mg/m ³ (A3)	TWA: 1 ppm ; 1.4 mg/m ³	TWA: 1 ppm ; 1.4 mg/m ³		

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.

approved respirator.							
Section 9	Physical and chemical pr	operties					
Appearance: Clear, Odor: Slightly punge Odor threshold: Da pH: Data not availab Melting / Freezing point:	colorless liquid. ent odor. ita not available. ole. Approximately 0°C (32°F) (water) kimately 100°C (212°F) (water)	Evaporation ra Flammability (Explosion lim Vapor pressur 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-igniti Decompos Viscosity: Molecular	•	e: Data not available Ire: Data not available. ble. re
Section 10	Stability and reactivity						
Conditions to avoid combustion.	Chemical stability: Stable Hazardous polymerization: Will not occur. Conditions to avoid: Excessive temperatures, heat, sparks, open flame and other sources of ignition. Contact with combustible materials may result in spontaneous combustion. Incompatible materials: Acids, bases, metals, metal salts, reducing agents, organic materials, alkalies, dust and dirt contaminants, flammable substances, oxidizable materials						
•		, s	0 / 0		d dirt contamir	nants, flammable	substances, oxidizable materials.
Hazardous decomp	osition products: Oxygen, wh	ich will promote t	he combustion of flam	mable material.			
Skin corrosion/irrita Serious eye damage Respiratory or skin Germ cell mutageni Carcinogenity: Dat NTP: No component IARC classified: Grou OSHA: No component Ca Prop 65: This pro Reproductive toxici STOT-single exposed STOT-repeated exp Aspiration hazard: Potential health effet Inhalation: May be ha Skin: May cause irrit Signs and symptom not available. Exerci	of this product present at levels up 3: Not classifiable as to its cant of this product present at level duct does not contain any chern ty: Data not available ure: Data not available Data not available cosure: Data not available Data not available cats: armful if inhaled. armful if swallowed. ation.	ble greater than or e arcinogenicity to h els greater than o nicals known to th our knowledge th inimize potential	umans. r equal to 0.1% is ider e State of California t de chemical, physical a hazards.	ntified as a carcinoger o cause cancer or rep	n or potential c	carcinogen by OS	SHA. ly investigated. Specific data is
Toxicity to daphnia Toxicity to algae: Ch Persistence and deg Mobility in soil: No Other adverse effec	ts: An environmental hazard c	es: Daphnia mag = 2.5 mg/l/growth Bioaccumu PBT and vi	na (Crustacia), EC50 rate [Hydrogen perox ulative potential: No PvB assessment: No	= 7.7 mg/l/24 hours [ł ide] data available o data available		oxide]	
Section 13	Disposal considerations						
	delines are intended for the different. Dispose of in acc Transport information			· · · · ·			ontainer. State and/or local emical disposal agency.
UN/NA number: Hazard class: Not Exceptions: Not	t applicable Pack applicable 2020	ping name: N ing group: N ERG Guide #	ot applicable	Reportable Qua	ntity: No	Ma	arine pollutant: No
Section 15	Regulatory information						
	to be listed if the CAS number for	-		PCPA code	DSL	NDSI	CA Bron 65
Compone Hydrogen peroxide	111.	Listed	CERLCA (RQ) Not listed	RCRA code Not listed	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 dent determinations of s	ed herein is furnished without warra	nation from all sour	ces to assure proper use	of these materials and	the safety and h	ealth of employees	ered by them and must make indepen- s. NTP: National Toxicology Program, osure. RE: Repeated Exposure.

The information contained herein is turnished 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.

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Section 1

Identification

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

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

Product	POTASSIUM SODIUM TARTRATE. 0.3 MOLAR SOLUTION	
Synonyms	Potassium Sodium Tartrate, Aqueous Solution	
Section 2	Hazards identification	
to the Glob Chemicals. Signal worr Pictograms Target orga GHS Classi GHS Label Hazard stat	ance or mixture has not been classified as hazardous according hally Harmonized System (GHS) of Classification and Labeling of d: Not classified ans: Not classified ans: None known ification: Not classified information: tement(s): Not classified ary statement(s): Not classified	Supplemental information: 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 thoroughly after handling. Get medical attention 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 / inf	Composition / information on ingredients					
Chemical Name	CAS #	%	EINECS			
Water Potassium sodium tartrate	7732-18-5 6381-59-5	91.54% 8.46%	231-791-2 206-156-8			
Section 4 First aid measure	S					

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 CAUSE RESPIRATORY TRACT IRRITATION. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: MAY CAUSE 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 IRRITATION. Remove contaminated clothing. Flush thoroughly with mild scap 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: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

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.

Containment and Cleanup: Absorb with inert dry material, sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

Section 7 Handling and storage

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 mist/vapours/spray. 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 Limits.	Particles not otherwise classified	Not established	TWA: 15 mg/m ³ total dust	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

approved respirat							
Section 9	Physical and chemical	properties					
Odor: No odor. Odor threshold: pH: Data not ava Melting / Freezing p	oint: Approximately 0°C (32°F) (water) oproximately 100°C (212°F) (water)	Flammability Explosion lin Vapor pressu Vapor density Relative density	rate (Water = 1): <1 (solid/gas): Data not nits: Lower / Upper: 1 ure (mm Hg): 14 (wate y (Air = 1): 0.7 (water) y (Specific gravity): App): Complete in water.	Data not available r)	Auto-igniti Decompos Viscosity: Molecular	•	e: Data not available ure: Data not available. ble. re
Section 10	Stability and reactivity						
Chemical stabilit	ty: Stable /oid: Excessive temperatures w		ous polymerization:	Will not occur.			
Incompatible ma	aterials: Strong oxidizers, acids	calcium or lead sa	lts, magnesium sulfate	, silver nitrate.			
Hazardous deco	mposition products: Oxides o	carbon.					
Section 11	Toxicological informati	'n					
Respiratory or s Germ cell mutag Carcinogenity: NTP: No compon IARC: No compon OSHA: No compo Ca Prop 65: This Reproductive to	nage/irritation: Data not available skin sensitization: Data not ava genicity: Data not available Data not available nent of this product present at lev nent of this product present at le onent of this product present at l product does not contain any ch pxicity: Data not available	lable els greater than or els greater than o vels greater than o	r equal to 0.1% is ident or equal to 0.1% is iden	ified as probable, pos tified as a carcinogen	sible or confir or potential c	med human card arcinogen by OS	
STOT-repeated 6 Aspiration hazar Potential health Inhalation: May of Ingestion: Large Skin: May cause Eyes: May cause Signs and symp	bosure: Data not available exposure: Data not available rd: Data not available effects: cause irritation to respiratory trac oral doses may cause irritation t i irritation with redness and pain. e irritation with redness and pain botoms of exposure: See Potent mation: RTECS #: N/A	the gastrointestin	al tract. May cause so		pain. Large de	oses can have ca	athartic effects
STOT-repeated of Aspiration hazar Potential health Inhalation: May of Ingestion: Large Skin: May cause Eyes: May cause Signs and symp Additional inform Section 12	exposure: Data not available rd: Data not available effects: cause irritation to respiratory trac oral doses may cause irritation t e irritation with redness and pain. e irritation with redness and pain toms of exposure: See Potent	the gastrointestin	al tract. May cause so		pain. Large de	oses can have ca	athartic effects
STOT-repeated of Aspiration hazar Potential health Inhalation: May of Ingestion: Large Skin: May cause Eyes: May cause Signs and symp Additional inform Section 12 Toxicity to fish: Toxicity to fish: Toxicity to algae Persistence and Mobility in soil: Other adverse of Section 13 These disposal	exposure: Data not available rd: Data not available effects: cause irritation to respiratory trac oral doses may cause irritation to irritation with redness and pain torms of exposure: See Potent mation: RTECS #: N/A Ecological information No data available nia and other aquatic inverteb : No data available degradability: No data availab No data available ffects: An environmental hazard Disposal consideration guidelines are intended for th	ates: No data avai Bioaccum PBT and v cannot be excludes e disposal of cata	al tract. May cause so pove. ilable nulative potential: No /PvB assessment: No ad in the event of unpro- alog-size quantities c	re throat, abdominal p data available o data available fessional handling or only. Federal regula	disposal. tions may aj	oply to empty c	container. State and/or loca
STOT-repeated of Aspiration hazar Potential health Inhalation: May of Ingestion: Large Skin: May cause Eyes: May cause Signs and symp Additional inform Section 12 Toxicity to fish: Toxicity to fish: Toxicity to algae Persistence and Mobility in soil: Other adverse of Section 13 These disposal	exposure: Data not available rd: Data not available effects: cause irritation to respiratory trac oral doses may cause irritation t e irritation with redness and pain. e irritation with redness and pain. e irritation with redness and pain. totoms of exposure: See Potent mation: RTECS #: N/A Ecological information No data available nia and other aquatic inverteb exist No data available degradability: No data available No data available ffects: An environmental hazard Disposal consideration guidelines are intended for th / be different. Dispose of in a	ates: No data avai Bioaccum PBT and v cannot be excludes e disposal of cata	al tract. May cause so pove. ilable nulative potential: No /PvB assessment: No ad in the event of unpro- alog-size quantities c	re throat, abdominal p data available o data available fessional handling or only. Federal regula	disposal. tions may aj	oply to empty c	container. State and/or loca
STOT-repeated 6 Aspiration hazar Potential health Inhalation: May of Ingestion: Large Skin: May cause Eyes: May cause Signs and symp Additional inform Section 12 Toxicity to fish: Toxicity to fish: Toxicity to fish: Toxicity to algae Persistence and Mobility in soil: Other adverse of Section 13 These disposal regulations may Section 14 UN/NA numbe	exposure: Data not available rd: Data not available effects: cause irritation to respiratory trac oral doses may cause irritation to e irritation with redness and pain tooms of exposure: See Potent mation: RTECS #: N/A Ecological information No data available nia and other aquatic inverteb e: No data available degradability: No data available No data available ffects: An environmental hazard Disposal consideration guidelines are intended for th / be different. Dispose of in a Transport information pr: Not applicable Not applicable Pa	ates: No data avait ates: No data avait e Bioaccum PBT and victure cannot be exclude s e disposal of cata cordance with a pping name: In cking group: IN	al tract. May cause so pove. ilable nulative potential: No /PvB assessment: No ed in the event of unpro alog-size quantities c Il local, state and fed Not Regulated	re throat, abdominal p data available o data available fessional handling or only. Federal regula	disposal. ttions may an	oply to empty c a licensed che	container. State and/or loca
STOT-repeated 6 Aspiration hazar Potential health Inhalation: May of Ingestion: Large Skin: May cause Eyes: May cause Signs and symp Additional inform Section 12 Toxicity to fish: Toxicity to fish: Toxicity to daph Toxicity to algae Persistence and Mobility in soil: Other adverse ef Section 13 These disposal regulations may Section 14 UN/NA numbe Hazard class: Exceptions: I Section 15	exposure: Data not available rd: Data not available effects: cause irritation to respiratory trac oral doses may cause irritation to e irritation with redness and pain torms of exposure: See Potent mation: RTECS #: N/A Ecological information No data available nia and other aquatic inverteb e: No data available degradability: No data available ffects: An environmental hazard Disposal consideration guidelines are intended for th / be different. Dispose of in a Transport information pr: Not applicable Not applicable Not applicable 20 Regulatory information	ates: No data avai ates: No data avai e Bioaccum PBT and v cannot be exclude s e disposal of cata cordance with a pping name: cking group: N 20 ERG Guide #	al tract. May cause so pove. ilable nulative potential: No vPvB assessment: No ad in the event of unpro- alog-size quantities of Il local, state and fed Not Regulated Not Regulated Not applicable ‡ Not applicable	re throat, abdominal p data available o data available ifessional handling or only. Federal regula eral regulations or o	disposal. ttions may an	oply to empty c a licensed che	container. State and/or loca emical disposal agency.
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NT ım, 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.