## SAFETY DATA SHEET

Section	1
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Identification

# Page E1 of E2 CHEMTREC 24 Hour Emergency

## Innovating Science<sup>®</sup> by Aldon Corporation

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

### Phone Number (800) 424-9300 For laboratory and industrial use only. Not for drug, food or household use.

Product ETHYL ALCOHOL, DENATURED, 95%	
Synonyms Ethanol, Denatured, 95%	
Section 2 Hazards identification	
Signal word: DANGER         Pictograms: GHS02 / GHS06 / GHS08         Target organs: Eyes, Central nervous system, Liver, Kidneys.         Image: Signal word: Eyes, Central nervous system, Liver, Kidneys.         Image: Signal word: Eyes, Central nervous system, Liver, Kidneys.         Image: Signal word: Eyes, Central nervous system, Liver, Kidneys.         Image: Signal word: Eyes, Central nervous system, Liver, Kidneys.         Image: Signal word: Eyes, Central nervous system, Liver, Kidneys.         Image: Signal word: Eyes, Central nervous system, Liver, Kidneys.         Image: Signal word: Signal w	Precautionary statement:         P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.         P233+P235: Keep container tightly closed. Keep cool.         P240: Ground/bond container and receiving equipment.         P241: Use explosion-proof electrical/ventilating/lighting equipment.         P242: Use only non-sparking tools.         P243: Take precautionary measures against static discharge.         P260: Do not breathe mist/vapours/spray.         P264: Wash hands thoroughly after handling.         P270: Do not eat, drink or smoke when using this product.         P271: Use only outdoors or in a well-ventilated area.         P280: Wear protective gloves/protective clothing/eye protection/face protection.         P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.         P303+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.         P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.         P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.         P308+P311: IF exposed or concerned: Call a POISON CENTER or doctor.         P370+P313: If eye irritation persists: Get medical attention.         P361+P364: Take off immediately all contaminated clothing and wash it before reuse.         P370+P378: In case of fire: Use dry chemical, alcohol foam, carbon dioxide or water spray to extingu

#### 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	
Ethyl alcohol		64-17-5	80.75 - 81.51%	200-578-6	
Isopropyl alcohol		67-63-0	8.55%	200-661-7	
Water		7732-18-5	5.00%	231-791-2	
Methanol		67-56-1	3.80 - 4.08%	200-659-6	
Methyl isobutyl ketone		108-10-1	0.85 - 0.95%	203-550-1	

#### Section 4 First aid measures

**INGESTION:** TOXIC 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:** TOXIC 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 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: TOXIC IN CONTACT WITH SKIN. 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: Carbon dioxide, dry chemical, dry sand, alcohol foam.

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. Vapors formed from this product are heavier than air and may travel along the ground to a distant source of ignition and flash back instantly. Flame may not be visible in daylight.

#### 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, dry, well-ventilated area away from incompatible substances. Keep away from ignition sources.

Section 8	Exposure controls / personal pro	tection		
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)
Exposure Linits.	Ethanol	STEL: 1000 ppm / 1880 mg/m <sup>3</sup> (A3)	TWA: 1000 ppm / 1900 mg/m <sup>3</sup>	TWA: 1000 ppm / 1900 mg/m <sup>3</sup>

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/MSHA-

Section 9 Appearance: Clear,							
	Physical and chemical p	roperties					
Odor: Mild character Odor threshold: Dat pH: Data not availab Melting / Freezing po Boiling point: 74-80 Flash point: 5°C (41	istic odor. ta not available. le. <b>oint:</b> -114°C (-173°F)* °C (165.2-176°F)*	Flammability ( Explosion limi Vapor pressur Vapor density Relative density	tte (Butyl acetate = 1); solid/gas): Data not a ts: Lower / Upper: 4 e (mm Hg): Ca 50 @ (Air = 1): Ca 1.5* (Specific gravity): 0.7916 Soluble in water.	available. .0%(V) / 20.0%(V)* 20°C*	Auto-ignit Decompos Viscosity: Molecular	ion temperature:	e
Section 10	Stability and reactivity	1			1		
Incompatible materi	Stable : Excessive temperatures, hea ials: Strong oxidizers, inorgan osition products: Oxides of c	at, sparks, open fla ic acids and halog					
Section 11	Toxicological information	ı					
Carcinogenity: Data NTP: No component IARC classified: Grou OSHA: No componer CA Prop 65: A WAR cancer and birth defe Reproductive toxici STOT-single expose STOT-repeated exposed	of this product present at level up 3: Not classifiable as to its c nt of this product present at lev NING! : This product can expo ects or other reproductive harm ty: Data not available ure: The substance or mixture osure: Data not available	arcinogenicity to h els greater than o se you to chemica	umans. [Isopropanol] r equal to 0.1% is iden ls including Methanol a	tified as a carcinoge and Methyl isobutyl l	n or potential ketone, which	carcinogen by OS are known to the	State of California to cause
Potential health effe Inhalation: Inhalation Ingestion: Ingestion Skin: Contact with sl Eyes: Contact with e Signs and symptom	Data not available scts: n may cause dizziness, drowsin causes dizziness, drowsiness, kin causes irritation defatting or syes may cause blindness. is of exposure: See Potentia ion: RTECS #: KQ6300000 [	decreased reaction n prolonged conta l health effects abo	on, euphoria, nausea, v ct.			a.	
Potential health effe Inhalation: Inhalation Ingestion: Ingestion Skin: Contact with sl Eyes: Contact with e Signs and symptom Additional information Section 12	ects: n may cause dizziness, drowsin causes dizziness, drowsiness, kin causes irritation defatting o eyes may cause blindness. is of exposure: See Potentia ion: RTECS #: KQ6300000 [[ Ecological information	decreased reaction n prolonged conta l health effects abo Ethanol]	on, euphoria, nausea, v ct. ove.	vomiting, staggering		a.	
Potential health effe Inhalation: Inhalation Ingestion: Ingestion Skin: Contact with se Eyes: Contact with se Signs and symptom Additional informati Section 12 Toxicity to fish: One Toxicity to daphaia Toxicity to algae: Ch Persistence and deg Mobility in soil: No Other adverse effect Section 13 These disposal gui regulations may be	acts: In may cause dizziness, drowsin causes dizziness, drowsiness, kin causes irritation defatting or eyes may cause blindness. Is of exposure: See Potentia ion: RTECS #: KQ6300000 [I Ecological information corhynchus mykiss (fish, fresh and other aquatic invertebra horella pyrenoidosa (Algae), E gradability: No data available data available ts: An environmental hazard or Disposal considerations delines are intended for the different. Dispose of in actor	decreased reaction n prolonged conta I health effects about the file Ethanol] water), LC50 = 11 tes: Daphnia mag C50 = 9,310 mg/l/ Bioaccume PBT and vi cannot be excluded disposal of cata	on, euphoria, nausea, v ct. ,200 mg/l/24 hours [Et na (Crustacia), EC50 = ulative potential: No PVB assessment: No d in the event of unprof log-size quantities o	vomiting, staggering hanol] = 10,800 mg/l/24 hor absolute] data available data available fessional handling of nly. Federal regula	gait and coma urs [Ethanol, § · disposal. ations may a	99.8% pure] apply to empty c	container. State and/or local emical disposal agency.
Potential health effe Inhalation: Inhalation Ingestion: Ingestion Skin: Contact with se Eyes: Contact with se Signs and symptom Additional informati Section 12 Toxicity to fish: Ond Toxicity to daphaia Toxicity to algae: Ch Persistence and deg Mobility in soil: No Other adverse effect Section 13 These disposal gui	acts: In may cause dizziness, drowsin causes dizziness, drowsiness, kin causes irritation defatting or eyes may cause blindness. Is of exposure: See Potentia ion: RTECS #: KQ6300000 [I Ecological information corhynchus mykiss (fish, fresh and other aquatic invertebra horella pyrenoidosa (Algae), E gradability: No data available data available ts: An environmental hazard or Disposal considerations delines are intended for the different. Dispose of in aco Transport information	decreased reaction n prolonged conta I health effects about the file Ethanol] water), LC50 = 11 tes: Daphnia mag C50 = 9,310 mg/l/ Bioaccume PBT and vi cannot be excluded disposal of cata	on, euphoria, nausea, v ct. ,200 mg/l/24 hours [Et na (Crustacia), EC50 = growth rate [Ethanol, a <b>Jlative potential:</b> No <b>PvB assessment:</b> No d in the event of unprof log-size quantities o local, state and fede	vomiting, staggering hanol] = 10,800 mg/l/24 hor absolute] data available data available fessional handling of nly. Federal regula	gait and coma urs [Ethanol, § · disposal. ations may a	99.8% pure] apply to empty c	
Potential health effe Inhalation: Inhalation Ingestion: Ingestion Skin: Contact with se Eyes: Contact with se Eyes: Contact with se Signs and symptom Additional informati Section 12 Toxicity to fish: One Toxicity to daphaia Toxicity to algae: Ch Persistence and deg Mobility in soil: No Other adverse effect Section 13 These disposal gui regulations may be Section 14 UN/NA number: Hazard class: 3	acts: In may cause dizziness, drowsin causes dizziness, drowsiness, kin causes dizziness, drowsiness, kin causes irritation defatting or eyes may cause blindness. Is of exposure: See Potentia ion: RTECS #: KQ6300000 [I Ecological information corhynchus mykiss (fish, fresh and other aquatic invertebra lorella pyrenoidosa (Algae), E gradability: No data available data available ts: An environmental hazard or Disposal considerations delines are intended for the different. Dispose of in acco Transport information UN1170 Shipping	decreased reaction n prolonged conta [ health effects above Ethanol] water), LC50 = 11 tes: Daphnia mag C50 = 9,310 mg/l/ Bioaccume PBT and vi cannot be excluded disposal of cata cordance with all name: Ethano group: II	on, euphoria, nausea, v ct. ,200 mg/l/24 hours [Et na (Crustacia), EC50 = ulative potential: No PVB assessment: No d in the event of unprof log-size quantities o local, state and fede ol Reportat	vomiting, staggering hanol] = 10,800 mg/l/24 hor absolute] data available data available fessional handling of nly. Federal regula	gait and com urs [Ethanol, § · disposal. ations may a contract with	99.8% pure] upply to empty c n a licensed che	
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Potential health effe Inhalation: Inhalation Ingestion: Ingestion Skin: Contact with ski Eyes: Contact with ski Signs and symptom Additional informati Section 12 Toxicity to fish: One Toxicity to daphnia Toxicity to algae: Ch Persistence and deg Mobility in soil: No Other adverse effect Section 13 These disposal gui regulations may be Section 14 UN/NA number: Hazard class: 3 Exceptions: Limi Section 15 A chemical is considered	acts: In may cause dizziness, drowsin causes dizziness, drowsiness, kin causes dizziness, drowsiness, kin causes irritation defatting or yes may cause blindness. Is of exposure: See Potentia ion: RTECS #: KQ6300000 [I Ecological information corhynchus mykiss (fish, fresh and other aquatic invertebra horella pyrenoidosa (Algae), E gradability: No data available data available ts: An environmental hazard of Disposal considerations delines are intended for the different. Dispose of in acc Transport information UN1170 Shipping Packing si ited quantity equal to or less Regulatory information to be listed if the CAS number for	decreased reaction n prolonged conta l health effects about Ethanol] water), LC50 = 11 tes: Daphnia mag C50 = 9,310 mg/l/ Bioaccum PBT and vi cannot be excluded disposal of cata cordance with all name: Ethano group: II is than 1 L	on, euphoria, nausea, v ct. ove. ,200 mg/l/24 hours [Et na (Crustacia), EC50 = growth rate [Ethanol, a Jlative potential: No PvB assessment: No d in the event of unprof log-size quantities o local, state and fed ol Reportat 2020 ER is on the Inventory list.	vomiting, staggering hanol] = 10,800 mg/l/24 hou absolute] data available o data available fessional handling ou nly. Federal regula eral regulations or <b>ble Quantity:</b> 5,0 <b>G Guide #</b> 127	gait and com urs [Ethanol, § disposal. ations may a contract with 00 lbs (227(	99.8% pure] apply to empty c n a licensed che D kg) <b>Ma</b>	arine pollutant: No
Potential health effe Inhalation: Inhalation Ingestion: Ingestion Skin: Contact with se Signs and symptom Additional informati Section 12 Toxicity to fish: One Toxicity to daphnia Toxicity to algae: Ch Persistence and deg Mobility in soil: No Other adverse effect Section 13 These disposal gui regulations may be Section 14 UN/NA number: Hazard class: 3 Exceptions: Limi Section 15	acts: In may cause dizziness, drowsin causes dizziness, drowsiness, kin causes dizziness, drowsiness, kin causes irritation defatting or yes may cause blindness. Is of exposure: See Potentia ion: RTECS #: KQ6300000 [I Ecological information corhynchus mykiss (fish, fresh and other aquatic invertebra horella pyrenoidosa (Algae), E gradability: No data available data available ts: An environmental hazard or Disposal considerations delines are intended for the different. Dispose of in acc Transport information UN1170 Shipping Packing si ited quantity equal to or less Regulatory information to be listed if the CAS number for	decreased reaction n prolonged conta l health effects abore Ethanol] water), LC50 = 11 tes: Daphnia mag C50 = 9,310 mg/l/ Bioaccum PBT and vi cannot be excluded disposal of cata cordance with all name: Ethano group: II is than 1 L	on, euphoria, nausea, v ct. ,200 mg/l/24 hours [Et na (Crustacia), EC50 = growth rate [Ethanol, a Jative potential: No PvB assessment: No d in the event of unprof log-size quantities o local, state and fede ol Reportat 2020 ER	hanol] = 10,800 mg/l/24 hor absolute] data available fessional handling of nly. Federal regul eral regulations or ble Quantity: 5,0	gait and com urs [Ethanol, § · disposal. ations may a contract with	99.8% pure] upply to empty c n a licensed che	emical disposal agency.

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. Form 06/2015

Section 1 Identification		Page E1 of E2
Innovating Science <sup>®</sup> by Aldon "cutting edge science for the classr		CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300 For laboratory and industrial use only. Not for drug, food or household use.
Product PEPSIN (1:3,000)		
Synonyms Pepsinum		
Section 2 Hazards identification		
Signal word: DANGER Pictograms: GHS07 / GHS08 Target organs: None known.	ng difficulties if inhaled. P26 P27 P28 P300 com P300 com P301 P311 P333 P333 P343 P400 P400 P400 P400 P50	<ul> <li>cautionary statement:</li> <li>1: Avoid breathing dust.</li> <li>4: Wash hands thoroughly after handling.</li> <li>1: Use only outdoors or in a well-ventilated area.</li> <li>0: Wear protective gloves/protective clothing/eye protection/face protection.</li> <li>4: Wear respiratory protection.</li> <li>2+P352: IF ON SKIN: Wash with plenty of soap and water.</li> <li>4+P340: IF INHALED: Remove person to fresh air and keep in a position fortable for breathing.</li> <li>5+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove act lenses, if present and easy to do. Continue rinsing.</li> <li>2: Call a POISON CENTER or doctor/physician if you feel unwell.</li> <li>2+P313: If skin irritation occurs: Get medical advice/attention.</li> <li>7+P313: If eye irritation persists: Get medical advice/attention.</li> <li>2+P313: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/sician.</li> <li>2: Take off contaminated clothing and wash before reuse.</li> <li>3+P233: Store in a well-ventilated place. Keep container tightly closed.</li> <li>5: Store locked up.</li> <li>1: Dispose of contents/container to a licensed chemical disposal agency in ordance with local/regional/national regulations.</li> </ul>

#### 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	
Pepsin (1:3,000)		9001-75-6	100%	232-629-3	
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

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

General information: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool. Dust dispersed in air becomes explosive when exposed to ignition source.

#### Section 6 Accidental release measures

Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation. Recover for use if not contaminated. Sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water. Avoid runoff into storm sewers and ditches which lead to waterways.

#### Section 7 Handling and storage

Read label on container before using. Do not wear contact lenses when working with chemicals. Keep container tightly closed. Keep out of reach of children. Use with adequate ventilation. Wash thoroughly after handling

#### Handling: Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid ingestion. Do not inhale dusts. Wash thoroughly after handling. Remove and wash clothing before reuse. Storage: Store in a cool, dry, well-ventilated area away from incompatible substances. Section 8 Exposure controls / personal protection Chemical Name ACGIH (TLV) OSHA (PEL) NIOSH (REL) Exposure Limits: Pepsin 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 dusty conditions prevail, work in fume hood or wear a NIOSH/MSHAapproved respirator. Physical and chemical properties an solid Flammability (solid/gas): N/A Section 9 Appearance: Yellow-tan solid Decomposition temperature: N/A Odor: No odor Explosion limits: Upper: N/A Lower: N/A Viscosity: N/A Odor threshold: N/A Vapor pressure (mm Hg): Negligible Molecular formula: Natural product Vapor density (Air = 1): N/A pH: N/A Molecular weight: Natural product Melting / Freezing point: >100°C (212°F) Relative density (Specific gravity): N/A Boiling point: Decomposes Solubility(ies): > 50 g/100 ml water Flash point: N/A Partition coefficient: (n-octanol / water): N/A Evaporation rate ( = 1): N/A Auto-ignition temperature: N/A Section 10 Stability and reactivity Chemical stability: Stable Hazardous polymerization: Will not occur. Conditions to avoid: Excessive temperatures and heat. Stable under recommended storage conditions. Incompatibilities with other materials: Strong oxidizers. Hazardous decomposition products: Carbon oxides, nitrogen oxides, sulfur oxides. Section 11 **Toxicological information** Acute toxicity: Data not available 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: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation. STOT-repeated exposure: Data not available Aspiration hazard: Data not available Potential health effects: Inhalation: Causes respiratory tract irritation. May cause allergic respiratory reaction. May be harmful if inhaled. Ingestion: May cause irritation of the digestive tract. May be harmful if swallowed. Skin: Causes skin irritation. May be harmful if absorbed through skin. Eyes: Causes eye irritation. Signs and symptoms of exposure: Inhalation of this material can cause the respiratory irritation, allergic or asthmatic reaction. 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 #: SC6132000 Section 12 **Ecological information** Toxicity to fish: No data available Toxicity to daphnia and other aquatic invertebrates: No data available Toxicity to algae: No data available Persistence and degradability: No data available Bioaccumulative potential: No data available Mobility in soil: 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 Shipping name: Not Regulated Hazard class: Not applicable Packing group: Not applicable Reportable Quantity: No Marine pollutant: No **Exceptions:** Not applicable 2020 ERG Guide # 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. RCRA code DSL NDSL Component TSCA CERLCA (RQ) CA Prop 65 This product does not contain Pepsin 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 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 Form 06/2015

## SAFETY DATA SHEET

		ONEET	
Section 1 Identification			Page E1 of E
Innovating Science <sup>®</sup> by "cutting edge science for the o	Avon, N	chester Street IY 14414-9409 26-6177	CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300 For laboratory and industrial use only. Not for drug, food or household use.
Product 7.5% SDS / 1.5% NaCI SOLUTION			
Synonyms Sodium Dodecyl Sulfate-Sodium Cl	nloride Solution		
Section 2 Hazards identification			
Signal word: WARNING Pictograms: GHS07 Target organs: Eyes, Skin		P273: Avoid relea P280: Wear prote P302+P352: IF C P332+P313: If sł P362+P364: Tak P305+P351+P33 contact lenses, if P337+P313: If e P501: Dispose o	statement: Ids thoroughly after handling. Iase to the environment. Isective gloves/protective clothing/eye protection/face protection. DN SKIN: Wash with plenty of water and soap. Ise off contaminated clothing and wash it before reuse. 38: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove f present and easy to do. Continue rinsing. ye irritation persists: Get medical attention. If contents/container to a licensed chemical disposal agency in local/regional/national regulations.

## Hazards not otherwise classified:

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

Section 3	Composition / information of	on ingredients		
Chemical Name		CAS #	%	EINECS
Water Sodium lauryl sulfate Sodium chloride	3	7732-18-5 151-21-3 7647-14-5	91.0% 7.5% 1.5%	231-791-2 205-788-1 231-598-3
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:** 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: 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 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.

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 prot	ection		
Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)
Exposure Limits.	Particles not otherwise classified	Not established	TWA: 15 mg/m <sup>3</sup> 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.

Section 9	Physical and cher	mical properties					
Odor: No odor. Odor threshold: pH: Data not av Melting / Freezing p	point: Approximately 0°C (32°F) pproximately 100°C (212°F) (	(water) Flammability (s Explosion limit Vapor pressure Vapor density ( Relative density (	te (Water = 1): <1 solid/gas): Data not s: Lower / Upper: I e (mm Hg): 14 (wate (Air = 1): 0.7 (water) 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 react	tivity					
Chemical stabil Conditions to a	ity: Stable void: Excessive temperatu		us polymerization: ` on.	Will not occur.			
ncompatible m	aterials: Strong oxidizers,	acids.					
Hazardous deco	omposition products: Ca	rbon oxides, sulfur oxides,	and sodium.				
Section 11	Toxicological info	rmation					
Germ cell muta Carcinogenity: NTP: No comport IARC: No comport OSHA: No comport Ca Prop 65: This	skin sensitization: Data n genicity: Data not availab Data not available nent of this product present onent of this product prese ponent of this product prese s product does not contain a	le t at levels greater than or e t at levels greater than or e nt at levels greater than or any chemicals known to the	equal to 0.1% is ident equal to 0.1% is iden	ified as probable, pos tified as a carcinoger	sible or confir or potential o	med human car arcinogen by O	
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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