## SAFETY DATA SHEET

# GENERAL STORAGE CODE GREEN

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Section 1

Identification

# "Cutting edge science for the classroom" by Aldon "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 DRUG	
Synonyms None	
Section 2 Hazards identification	
This substance or mixture has not been classified as hazardous according to the Globally Harmonized System (GHS) of Classification and Labeling of Chemicals. 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	Supplemental information: Do not breathe dust. 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 / information	n on ingredients			
Chemical Name	CAS #	%	EINECS	
FD&C Blue #1 (C.I. No. 42090)	3844-45-9	100%	223-339-8	
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: 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: Recover for reuse if not contaminated. 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 dusts. 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.

Section 8	Exposure controls / personal protection							
Exposure Limite:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)				
Exposure Limits:	FD&C Blue #1	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.

approved respirator							
Section 9	Physical and chemic	al properties					
Appearance: Solid Odor: No odor. Odor threshold: E pH: Data not availa Melting / Freezing poi Boiling point: Data Flash point: Data	oata not available. able. nt: Data not available a not available	Flammability (s Explosion limit Vapor pressure Vapor density ( Relative density (	te (=1): Data not olid/gas): Data not s: Lower / Upper: I (mm Hg): Data not Air = 1): Data not av Specific gravity): Data Complete in water.	available. Data not available available /ailable	Auto-igniti Decompos Viscosity: Molecular		e: Data not available u <b>re:</b> Data not available. ble. <sub>34</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>9</sub> S <sub>3</sub>
Section 10	Stability and reactivi	ty					
Chemical stability: Conditions to avoi	Stable d: Data not available	Hazardo	us polymerization:	Will not occur.			
ncompatible mate	rials: Data not available						
Hazardous decom	position products: Data r	not available					
Serious eye dama Respiratory or ski Germ cell mutage Carcinogenity: Da NTP: No componer IARC: No compone OSHA: No compone OSHA: No compon Ca Prop 65: This pr Reproductive toxi STOT-single expo: STOT-repeated ex Aspiration hazard Potential health ef Inhalation: Not expr Skin: May cause a Eyes: Contact may Signs and sympto not available. Exer	It of this product present at nt of this product present a ent of this product present a oduct does not contain any city: Data not available sure: Data not available posure: Data not available fects: use allergy or asthma symp acted to be a hazard unless n allergic skin reaction is se cause irritation.	available levels greater than or e t levels greater than or e at levels greater than or chemicals known to the swallowed in large am nsitive individuals. Syn est of our knowledge the s to minimize potential h	equal to 0.1% is iden equal to 0.1% is iden e State of California t ulties in sensitive indi ounts. Symptoms ma nptoms may include e chemical, physical	tified as probable, po ntified as a carcinogo to cause cancer or re ividuals. ay be the same as ir redness, swelling, ito	ossible or confirr en or potential c eproductive toxic nhalation or skin ching, rash, and	med human carc arcinogen by OS sity. contact. hives.	0 ,
Section 12	Ecological information						
Toxicity to algae: N Persistence and d Mobility in soil: N Other adverse effe Section 13 These disposal gu	a and other aquatic invert No data available egradability: No data avai o data available cts: An environmental haz Disposal considerati	lable Bioaccumu PBT and vF ard cannot be excluded ons the disposal of catal a accordance with all	lative potential: No VB assessment: No in the event of unpro- og-size quantities of	o data available ofessional handling o only. Federal regu	lations may ap		ontainer. State and/or loca mical disposal agency.
UN/NA number: Hazard class: N Exceptions: No	lot applicable	Shipping name: N Packing group: No 2020 ERG Guide #	ot applicable	Reportable Qu	uantity: No	Ma	arine pollutant: No
Section 15	Regulatory informati						
A chemical is consider Compor	ed to be listed if the CAS numb nent	er for the anhydrous form <b>TSCA</b>	is on the Inventory list. CERLCA (RQ)	RCRA code	DSL	NDSL	CA Prop 65
FD&C Blue #1 (C.I.		Listed	Not listed	Not listed	Listed	Not listed	This product does not contain any chemicals known to the Sta of California to cause cancer or reproductive toxicity.
Section 16	Other information						
dent determinations of	suitability and completeness of ency for Research on Cancer,	f information from all source	tes to assure proper use ty and Health Administra	e of these materials and	d the safety and he arget Organ Toxici	ealth of employees ty, SE: Single Exp	ered by them and must make inc s. NTP: National Toxicology Pro- osure, RE: Repeated Exposure, ades: September 30

## SAFETY DATA SHEET

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Section 1

Identification

# **INNOVATING SCIENCE**<sup>®</sup> <sup>1</sup> "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 HYDROCHLORIC ACID, 1 MOLAR (1 NORMAL) SOLUTION	
Synonyms Muriatic Acid, Water Solution / Hydrogen Chloride, Water Solution	
Section 2 Hazards identification	
Signal word: WARNING Pictograms: GHS05 Target organs: Respiratory system, skin, eyes, lungs.	<ul> <li>Precautionary statement(s):</li> <li>P234: Keep only in original container.</li> <li>P264: Wash hands thoroughly after handling.</li> <li>P305+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes.</li> <li>Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P332+P313: If skin irritation occurs: Get medical attention.</li> <li>P337+P313: If eye irritation persists: Get medical attention.</li> <li>P390: Absorb spillage to prevent material damage.</li> <li>P406: Store in corrosive resistant container with a resistant inner liner.</li> </ul>

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 Hydrochloric acid		7732-18-5 7647-01-0	96.86% 3.14%	231-791-2 231-595-7		
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 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 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. Contact with metals produce hydrogen, which is flammable and may produce explosive mixtures with air.

### 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 Limite:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)				
Exposure Limits:	Hydrogen chloride	STEL: C 2 ppm / C 2.98 mg/m <sup>3</sup>	STEL: C 5 ppm / C 7 mg/m <sup>3</sup>	STEL: C 5 ppm / C 7 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/MSHAapproved respirator.

approved respirator.							
Section 9	Physical and chemical pro	perties					
Appearance: Clear, Odor: No odor. Odor threshold: No pH: No data availabl Melting / Freezing p Boiling point: ~ 100 Flash point: Not flar Evaporation rate ( =	data available e <b>oint:</b> ~ 0°C (~ 32°F) [water] °C (212°F) [water] nmable.	Explosion lin Vapor pressu Vapor density Relative dens Solubility(ies Partition coeffi	ammability (solid/gas): No data available cplosion limits: Upper/Lower: No data available por pressure (mm Hg): 14 [water] por density (Air = 1): 0.7 [water] elative density (Specific gravity): 1.0 [water] plubility(ies): Complete. writion coefficient: (n-octanol / water): No data available worden available Molecular formula: Mixture. Molecular weight: Mixture.			le e.	
Section 10	Stability and reactivity						
	Containers may burst when he	eated. Avoid co					
formaldehyde.	als: Metals, bases, active meta		, oxidizing agents, hydro	oxides, amines, carl	bonates, cyani	des, sulfides, sulf	ītes,
•	osition products: Hydrogen ch	lloride gas.					
Section 11	Toxicological information						
Skin corrosion/irrita Serious eye damage Respiratory or skin Germ cell mutageni Carcinogenity: Data NTP: No component IARC: Group 3: Not OSHA: No compone Ca Prop 65: This pro- Reproductive toxici STOT-single exposu STOT-repeated expo Aspiration hazard: Potential health effe Exercise appropriate Inhalation: May be ha Skin: May cause irrit Signs and symptom Additional informati	Acute toxicity: Data not available Skin corrosion/irritation: Data not available at this dilution. Serious eye damage/irritation: Data not available at this dilution. Respiratory or skin sensitization: Data not available Germ cell mutagenicity: Data not available Germ cell mutagenicity: Data not available Carcinogenity: Data not available TP: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP. IARC: Group 3: Not classifiable as to its carcinogenicity to humans. 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 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 Aspiration hazard: Data not available Potential health effects: 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. Inhalation: May be harmful if inhaled. Material may cause irritation to the tissue of the mucous membranes and upper respiratory tract. Ingestion: May cause irritation and/or burns. Eyes: May cause irritation and/or burns. Signs and symptoms of exposure: Data not available at this dilution.						
Section 12	Ecological information						
Toxicity to daphnia Toxicity to algae: No Persistence and dec Mobility in soil: No	radability: No data available	s: No data avai Bioaccum PBT and v	lable ulative potential: No c PvB assessment: No	lata available data available	r disposal.		
Section 13	Disposal considerations						
	delines are intended for the or different. Dispose of in acco <b>Transport information</b>						
UN/NA number: Hazard class: 8 Exceptions: Limi		ng group: II	lydrochloric acid I	Reportable Qua 2020 ERG Guid		lbs (2270 kg)	Marine pollutant: No
Section 15	Regulatory information						
A chemical is considered Compone	to be listed if the CAS number for t	he anhydrous forn TSCA	t is on the Inventory list.	RCRA code	DSL	NDSL	CA Prop 65
Hydrochloric acid		Listed	5000 lbs (2270 kg)	D002	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	d herein is furnished without warrar	ty of any kind Fr	nplovers should use this in	formation only as a su	ipplement to othe	er information dathe	ered 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. Form 06/2015

# SAFETY DATA SHEET

# CORROSIVE STORAGE CODE WHITE

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Section 1

Identification

# "Cutting edge science for the classroom" by Aldon "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.

SODIUM HYDROXIDE, 1 MOLAR (1 NORMAL) SOLUTION Product Synonyms Sodium Hydroxide, Water Solution, Sodium Hydroxide Solution Section 2 Hazards identification Signal word: DANGER Precautionary statement: Pictograms: GHS05 P260: Do not breathe mist/vapours/spray. Target organs: Respiratory tract, gastrointestinal tract, eyes, skin. P264: Wash hands thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P363: Wash contaminated clothing before reuse. GHS Classification: P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for Skin. Corr. (Category 1B) breathing. Serious Eye Damage/ Eye Irritation (Category 1) P310: Immediately call a POISON CENTER or doctor. P305+P351+P338: IF IN EYES: Rinse cautiously with water for 15 minutes. Remove GHS Label information: Hazard statement: contact lenses, if present and easy to do. Continue rinsing, H314: Causes severe skin burns and eye damage. P405: Store locked up. P501: Dispose of contents/container to a licensed chemical disposal agency in accordance with local/regional/national regulations.

#### Hazards not otherwise classified:

Health hazards not otherwise classified (HHNOC) - Not Known

Filysical hazarus not	otherwise classified (PHNOC) - Not	KNOWN			
Section 3 Composition / information on ingredients					
Chemical Name		CAS #	%		

Chemical Name		CAS #	%	EINECS	
Water Sodium hydroxide		7732-18-5 1310-73-2	96% 4%	231-791-2 215-185-5	
Section 4	First aid measures				

**INGESTION:** MAY BE FATAL 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 SEVERE DAMAGE. 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 SEVERE BURNS. Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

#### Section 5 Fire fighting measures

Suitable Extinguishing Media: Dry chemical, water spray, alcohol foam. Can react with carbon dioxide to form sodium carbonate.

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. Contact with metals can generate hydrogen gas.

### 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 Limite:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)				
Exposure Limits:	Sodium hydroxide	STEL: C 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	STEL: C 2 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-

approved respirator.								
Section 9	Physical and chemical pr	operties						
Appearance: Clear, Odor: No odor. Odor threshold: Not pH: Data not availabl Melting / Freezing po Boiling point: ~ 100 Flash point: Not flan	colorless liquid. : applicable. le. <b>bint: ~</b> 0°C (~ 32°F) [water] °C (212°F) [water]	Evaporation r Flammability Explosion lim Vapor pressu Vapor density Relative dens	ate (Water = 1): < 1 (solid/gas): Not applica its: Lower / Upper: Not re (mm Hg): 14 [water] (Air = 1): 0.7 [water] ity (Specific gravity): 1. : Complete in water.	t applicable	Auto-igniti Decompos Viscosity: Molecular	ion temperature	<b>re:</b> Data not available. le. e	
Section 10	Stability and reactivity				1			
Conditions to avoid Incompatible materi	Chemical stability:       Stable       Hazardous polymerization:       Will not occur.         Conditions to avoid:       Can react with carbon dioxide to form sodium carbonate.         Incompatible materials:       Metals, acids, organic compounds, organic nitro compounds.         Hazardous decomposition products:       Sodium oxide.         Reacts with metals to form flammable and explosive hydrogen gas.							
Section 11	Toxicological information							
Skin corrosion/irrita Serious eye damage Respiratory or skin Germ cell mutageni Carcinogenity: Data NTP: No component IARC: No component OSHA: No component Ca Prop 65: This pror Reproductive toxici STOT-single expose STOT-repeated expo Aspiration hazard: Potential health effe Inhalation: May be harmfu Eyes: Causes eye bi Signs and symptom edema, burning sens and upper respiratory	Acute toxicity: Data not available Skin corrosion/irritation: Skin - rabbit - Causes severe burns 24 h [Sodium hydroxide] Serious eye damage/irritation: Eyes - rabbit - Severe eye irritation - 24 h [Sodium hydroxide] Respiratory or skin sensitization: Data not available Germ cell mutagenicity: Data not available Carcinogenity: Data not available TIP: 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-repeated exposure: Data not available STOT-repeated exposure: Data not available Potential health effects: Inhalation: May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract. Ingestion: May be harmful if absorbed through skin. Causes skin burns. Eyes: Causes eye burns. Causes severe eye burns. Signs and symptoms of exposure: Data so, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, burning sensation, cough, wheezing, laryngits, shortness of breath, headache, nausea, vomiting. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract. Signs and symptoms of exposure: Spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, burning sensation, cough, wheezing, laryngits, shortness of breath, headache, nausea, vomiting. Material is extremely destructive to tissue of the mucous membranes and upper respirato							
Toxicity to daphnia Toxicity to algae: No Persistence and deg Mobility in soil: No	Section 12       Ecological information         Toxicity to fish: LC50 - Gambusia affinis (Mosquito fish) - 125 mg/l - 96 h [Sodium hydroxide]         Toxicity to daphnia and other aquatic invertebrates: Immobilization EC50 - Daphnia - 40.38 mg/l - 48 h [Sodium hydroxide]         Toxicity to algae: No data available         Persistence and degradability: 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							
	delines are intended for the different. Dispose of in acc						container. State and/or local	
Section 14	Transport information						anioar diopodar agency.	
UN/NA number: Hazard class: 8 Exceptions: Limi	UN1824 Shipping Packing g ted quantity equal to or less	roup: II	•	e Quantity: 1,0 Guide # 154	00 lbs (454	kg) Ma	arine pollutant: No	
Section 15	Regulatory information							
A chemical is considered Compone	to be listed if the CAS number for	the anhydrous form	n is on the Inventory list.	RCRA code	DSL	NDSL	CA Prop 65	
Sodium hydroxide		Listed	1,000 lbs (454 kg)	D002	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	ed herein is furnished without warra			ormation only as a su			ered by them and must make indepen-	

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