

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous

Products Regulation (February 11, 2015).

Revision date: 06/28/2018 Date of Issue: 05/11/2018 Version: 1.1

### **SECTION 1: IDENTIFICATION**

<u>Product Identifier</u> <u>Product Form: Mixture</u>

Product Name: Home Mildew Stain Remover Gel Formula

**Product Code: 586XX** 

**Intended Use of the Product** 

Cleaner

Name, Address, and Telephone of the Responsible Party

Company

Starbrite® Inc.

4041 SW 47<sup>th</sup> Avenue Fort Lauderdale, FL 33314

(954) 587-6280 www.starbrite.com

**Emergency Telephone Number** 

Emergency Number : US: (800) 424-9300; International: (703) 527-3887 (CHEMTREC)

### **SECTION 2: HAZARDS IDENTIFICATION**

### **Classification of the Substance or Mixture**

### **GHS-US/CA Classification**

 Met. Corr. 1
 H290

 Skin Corr. 1C
 H314

 Eye Dam. 1
 H318

Full text of hazard classes and H-statements: see section 16

Label Elements
GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA)



: Danger

Signal Word (GHS-US/CA)

Hazard Statements (GHS-US/CA) : H290 - May be corrosive to metals.

H314 - Causes severe skin burns and eye damage.

H318 - Causes serious eye damage.

**Precautionary Statements (GHS-US/CA)**: P234 - Keep only in original container.

P260 - Do not breathe mist, spray, vapors, fume.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P280 - Wear protective gloves, protective clothing, and eye 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.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for

breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor.

P321 - Specific treatment (see section 4 on this SDS). P363 - Wash contaminated clothing before reuse. P390 - Absorb spillage to prevent material-damage.

P405 - Store locked up.

06/28/2018 RTARTA-CC EN (English US) 1/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

P406 - Store in corrosive resistant container with a resistant inner liner.

P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

#### **Other Hazards**

Exposure may aggravate pre-existing eye, skin, or respiratory conditions. Contact with acids liberates toxic chlorine gas.

#### **Unknown Acute Toxicity (GHS-US/CA)**

No data available

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

# Mixture

Name	Product Identifier	% *	GHS Ingredient Classification
Sodium hypochlorite**	(CAS-No.) 7681-52-9	1-5	Met. Corr. 1, H290
			Skin Corr. 1B, H314
			Eye Dam. 1, H318
			STOT SE 3, H335
			Aquatic Acute 1, H400
			Aquatic Chronic 1, H410
Sodium hydroxide**	(CAS-No.) 1310-73-2	0.1 - 1	Met. Corr. 1, H290
			Acute Tox. 3 (Oral), H301
			Skin Corr. 1A, H314
			Eye Dam. 1, H318
			Aquatic Acute 3, H402

Full text of H-phrases: see section 16

### **SECTION 4: FIRST AID MEASURES**

### **Description of First-aid Measures**

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Immediately flush skin with plenty of water for at least 30 minutes. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse.

**Eye Contact:** Rinse cautiously with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

# **Most Important Symptoms and Effects Both Acute and Delayed**

**General:** Causes severe skin burns and eye damage. **Inhalation:** May be corrosive to the respiratory tract.

**Skin Contact:** Causes severe irritation which will progress to chemical burns.

**Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

Ingestion: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic Symptoms: None known.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

### **SECTION 5: FIRE FIGHTING MEASURES**

### **Extinguishing Media**

Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

06/28/2018 RTARTA-CC EN (English US) 2/10

<sup>\*</sup>Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

<sup>\*\*</sup> The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2015-17 and 29 CFR 1910.1200.

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

### **Special Hazards Arising From the Substance or Mixture**

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Contact with metallic substances may release flammable hydrogen gas.

**Reactivity:** May be corrosive to metals. Contact with metals may evolve flammable hydrogen gas. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction. The sodium hypochlorite in solution (<2.5% free chlorine) may react with arsenic, cyanides, ethandiol, oxidizing agents, acids, and nitrogen containing compounds to create small amounts of chlorine cyanide, oxygen gas, chlorine gas, hypochlorous acids, and sodium chlorate.

### **Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. Remove containers from fire area if this can be done without risk. Do not breathe fumes from fires or vapors from decomposition.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection. **Hazardous Combustion Products**: Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides. Chlorine. Hypochlorous acid. Sodium chlorate.

Hydrogen chloride. Sodium oxides. Irritating fumes.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

#### **Reference to Other Sections**

Refer to Section 9 for flammability properties.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

# Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe vapor, mist or spray. Do not get in eyes, on skin, or on clothing.

#### **For Non-Emergency Personnel**

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

#### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

#### **Environmental Precautions**

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

### Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Cautiously neutralize spilled liquid. Absorb spillage to prevent material damage. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### **Reference to Other Sections**

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

### **SECTION 7: HANDLING AND STORAGE**

### **Precautions for Safe Handling**

**Additional Hazards When Processed:** May be corrosive to metals. May release corrosive vapors. Do not mix with acids. Contact with acids liberates toxic gas. Ammonium or nitrogen containing compounds can react with the sodium hypochlorite in this product releasing toxic chlorine gas.

**Precautions for Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not get in eyes, on skin, or on clothing. Handle empty containers with care because they may still present a hazard. Do not breathe mist, spray, and vapors. Use appropriate personal protective equipment (PPE).

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash contaminated clothing before reuse.

# **Conditions for Safe Storage, Including Any Incompatibilities**

**Technical Measures:** Comply with applicable regulations.

06/28/2018 RTARTA-CC EN (English US) 3/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Containers which are opened should be properly resealed and kept upright to prevent leakage. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in original container or corrosive resistant and/or lined container. Store locked up/in a secure area.

**Incompatible Materials:** Strong acids. Strong oxidizers. Reducing agents. Halogenated compounds. Metals. Reactive metals. Ammonia. Nitrogen containing compounds, ammonium compounds. Amines. Methanol. Cyanides. Nitrates. Heavy metals alts

### Specific End Use(s)

Cleaner

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Control Parameters**

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Sodium hypochlorite (7681-52-9)		
USA AIHA	WEEL STEL (mg/m³)	2 mg/m³ (15-min. STEL)
Sodium hydroxide (1310-73-	-2)	
Mexico	OEL Ceiling (mg/m³)	2 mg/m³
USA ACGIH	ACGIH Ceiling (mg/m³)	2 mg/m³
USA OSHA	OSHA PEL (TWA) (mg/m³)	2 mg/m³
USA NIOSH	NIOSH REL (ceiling) (mg/m³)	2 mg/m³
USA IDLH	US IDLH (mg/m³)	10 mg/m <sup>3</sup>
Alberta	OEL Ceiling (mg/m³)	2 mg/m³
British Columbia	OEL Ceiling (mg/m³)	2 mg/m³
Manitoba	OEL Ceiling (mg/m³)	2 mg/m³
New Brunswick	OEL Ceiling (mg/m³)	2 mg/m³
Newfoundland & Labrador	OEL Ceiling (mg/m³)	2 mg/m³
Nova Scotia	OEL Ceiling (mg/m³)	2 mg/m³
Nunavut	OEL Ceiling (mg/m³)	2 mg/m³
Northwest Territories	OEL Ceiling (mg/m³)	2 mg/m³
Ontario	OEL Ceiling (mg/m³)	2 mg/m³
Prince Edward Island	OEL Ceiling (mg/m³)	2 mg/m³
Québec	PLAFOND (mg/m³)	2 mg/m³
Saskatchewan	OEL Ceiling (mg/m³)	2 mg/m³
Yukon	OEL Ceiling (mg/m³)	2 mg/m³

#### **Exposure Controls**

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles. Face shield. Insufficient ventilation: wear respiratory protection.











Materials for Protective Clothing: Chemically resistant materials and fabrics. Corrosion-proof clothing.

Hand Protection: Wear protective gloves.

**Eye and Face Protection:** Chemical safety goggles and face shield. **Skin and Body Protection:** Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

**Environmental Exposure Controls:** Avoid release to the environment.

06/28/2018 RTARTA-CC EN (English US) 4/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Other Information: When using, do not eat, drink or smoke.

# **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### <u>Information on Basic Physical and Chemical Properties</u>

Physical State: LiquidAppearance: ColorlessOdor: CharacteristicOdor Threshold: Not available

pH : 12

**Evaporation Rate** Not available **Melting Point** Not available **Freezing Point** Not available **Boiling Point** 100 °C (212 °F) **Flash Point** > 100 °C (> 212 °F) **Auto-ignition Temperature** Not available **Decomposition Temperature** Not available Flammability (solid, gas) Not applicable **Lower Flammable Limit** Not available **Upper Flammable Limit** Not available Vapor Pressure Not available Relative Vapor Density at 20°C Not available **Relative Density** Not available

Specific Gravity : 1.1

Solubility : Soluble in water
Partition Coefficient: N-Octanol/Water : Not available
Viscosity : 74 cPs

### **SECTION 10: STABILITY AND REACTIVITY**

**Reactivity:** May be corrosive to metals. Contact with metals may evolve flammable hydrogen gas. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction. The sodium hypochlorite in solution (<2.5% free chlorine) may react with arsenic, cyanides, ethandiol, oxidizing agents, acids, and nitrogen containing compounds to create small amounts of chlorine cyanide, oxygen gas, chlorine gas, hypochlorous acids, and sodium chlorate.

**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials.

<u>Incompatible Materials</u>: Strong acids. Strong oxidizers. Reducing agents. Halogenated compounds. Metals. Reactive metals. Ammonia. Nitrogen containing compounds, ammonium compounds. Amines. Methanol. Cyanides. Nitrates. Heavy metals alts.

<u>Hazardous Decomposition Products</u>: None expected under normal conditions of use. Thermal decomposition generates: Corrosive vapors. Hydrogen gas. Chlorine. Hypochlorous acid. Sodium chlorate.

### SECTION 11: TOXICOLOGICAL INFORMATION

### <u>Information on Toxicological Effects - Product</u>

Acute Toxicity (Oral): Not classified
Acute Toxicity (Dermal): Not classified
Acute Toxicity (Inhalation): Not classified
LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Causes severe skin burns and eye damage. Conclusion based on OECD 435 In vitro Membrane Barrier Test method for Skin Corrosion.

pH: 12

Eye Damage/Irritation: Causes serious eye damage.

**pH**: 12

Respiratory or Skin Sensitization: Not classified

06/28/2018 RTARTA-CC EN (English US) 5/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: May be corrosive to the respiratory tract.

**Symptoms/Injuries After Skin Contact:** Causes severe irritation which will progress to chemical burns. **Symptoms/Injuries After Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic Symptoms: None known.

### Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Sodium hydroxide (1310-73-2)	odium hydroxide (1310-73-2)		
LD50 Oral Rat	140 - 340 mg/kg		
Sodium hypochlorite (7681-52-9)			
LD50 Oral Rat	8.91 g/kg		
LD50 Dermal Rabbit	> 10000 mg/kg		
Sodium hypochlorite (7681-52-9)			
IARC Group	3		

# **SECTION 12: ECOLOGICAL INFORMATION**

### **Toxicity**

**Ecology - General:** Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Sodium hypochlorite (7681-52-9)		
LC50 Fish 1	0.06 (0.06 - 0.11) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])	
LC50 Fish 2	4.5 (4.5 - 7.6) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
EC50 Daphnia 2	0.033 (0.033 - 0.044) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])	
Sodium hydroxide (1310-73-2)		
LC50 Fish 1	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])	
EC50 Daphnia 1	40 mg/l	

# Persistence and Degradability

Home Mildew Stain Remover	
Persistence and Degradability	May cause long-term adverse effects in the environment.

#### **Bioaccumulative Potential**

Home Mildew Stain Remover	
<b>Bioaccumulative Potential</b>	Not established.

**Mobility in Soil** Not available

**Other Adverse Effects** 

Other Information: Avoid release to the environment.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

**Ecology - Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

### **SECTION 14: TRANSPORT INFORMATION**

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

06/28/2018 RTARTA-CC EN (English US) 6/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

In Accordance with DOT

Proper Shipping Name : CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide; Sodium hypochlorite)

Hazard Class : 8

Identification Number : UN3266

Label Codes : 8
Packing Group : III
Marine Pollutant : No
ERG Number : 154

Additional Information : This product meets the limited quantities exemption as follows: DOT: Not regulated as

dangerous goods when shipped in inner packagings equal to or less than 5L. Otherwise, the

above descriptions apply.

**In Accordance with IMDG** 

Proper Shipping Name : CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide; Sodium hypochlorite)

Hazard Class : 8

**Identification Number** : UN3266

Label Codes: 8Packing Group: IIIEmS-No. (Fire): F-AEmS-No. (Spillage): S-BMarine pollutant: No

In Accordance with IATA

Proper Shipping Name : CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide; Sodium hypochlorite)

Identification Number : 8

Hazard Class : UN3266

Label Codes : 8
Packing Group : III
ERG Code (IATA) : 8L

In Accordance with TDG

Proper Shipping Name : CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide; Sodium hypochlorite)

Hazard Class : 8

Identification Number : UN3266

Label Codes : 8
Packing Group : III
Marine Pollutant (TDG) : No



### **SECTION 15: REGULATORY INFORMATION**

### **US Federal Regulations**

Home Mildew Stain Remover		
SARA Section 311/312 Hazard Classes	Physical hazard - Corrosive to metals	
	Health hazard - Serious eye damage or eye irritation	
	Health hazard - Skin corrosion or Irritation	
Water (7732-18-5)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Sodium hydroxide (1310-73-2)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
CERCLA RQ	1000 lb	
Sodium hypochlorite (7681-52-9)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
CERCLA RQ	100 lb	

#### **US State Regulations**

Sodium hydroxide (1310-73-2)	
U.S California - SCAQMD - Toxic Air Contaminants - Non-Cancer Acute	

06/28/2018 RTARTA-CC EN (English US) 7/10

#### Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015)

- U.S. California Toxic Air Contaminant List (AB 1807, AB 2728)
- U.S. Connecticut Hazardous Air Pollutants HLVs (30 min)
- U.S. Connecticut Hazardous Air Pollutants HLVs (8 hr)
- U.S. Delaware Pollutant Discharge Requirements Reportable Quantities
- U.S. Florida Essential Chemicals List
- U.S. Idaho Non-Carcinogenic Toxic Air Pollutants Acceptable Ambient Concentrations
- U.S. Idaho Non-Carcinogenic Toxic Air Pollutants Emission Levels (ELs)
- U.S. Idaho Occupational Exposure Limits TWAs
- U.S. Massachusetts Oil & Hazardous Material List Groundwater Reportable Concentration Reporting Category 1
- U.S. Massachusetts Oil & Hazardous Material List Groundwater Reportable Concentration Reporting Category 2
- U.S. Massachusetts Oil & Hazardous Material List Reportable Quantity
- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration Reporting Category 1
- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration Reporting Category 2
- RTK U.S. Massachusetts Right To Know List
- U.S. Massachusetts Toxics Use Reduction Act
- U.S. Michigan Occupational Exposure Limits Ceilings
- U.S. Michigan Polluting Materials List
- U.S. Minnesota Chemicals of High Concern
- U.S. Minnesota Hazardous Substance List
- U.S. Minnesota Permissible Exposure Limits Ceilings
- U.S. New Jersey Discharge Prevention List of Hazardous Substances
- RTK U.S. New Jersey Right to Know Hazardous Substance List
- U.S. New Jersey Special Health Hazards Substances List
- U.S. New York Occupational Exposure Limits Ceilings
- U.S. New York Reporting of Releases Part 597 List of Hazardous Substances
- U.S. North Dakota Air Pollutants Guideline Concentrations 1-Hour
- U.S. Oregon Permissible Exposure Limits TWAs
- U.S. California Safer Consumer Products Initial List of Candidate Chemicals and Chemical Groups
- RTK U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- RTK U.S. Pennsylvania RTK (Right to Know) List
- U.S. Rhode Island Air Toxics Acceptable Ambient Levels 1-Hour
- U.S. Rhode Island Air Toxics Acceptable Ambient Levels Annual
- U.S. South Carolina Toxic Air Pollutants Maximum Allowable Concentrations
- U.S. South Carolina Toxic Air Pollutants Pollutant Categories
- U.S. Tennessee Occupational Exposure Limits Ceilings
- U.S. Texas Effects Screening Levels Long Term
- U.S. Texas Effects Screening Levels Short Term
- U.S. Vermont Permissible Exposure Limits Ceilings
- U.S. Washington Permissible Exposure Limits Ceilings
- U.S. Wisconsin Hazardous Air Contaminants All Sources Emissions From Stack Heights 25 Feet to Less Than 40 Feet
- U.S. Wisconsin Hazardous Air Contaminants All Sources Emissions From Stack Heights 40 Feet to Less Than 75 Feet
- U.S. Wisconsin Hazardous Air Contaminants All Sources Emissions From Stack Heights 75 Feet or Greater
- U.S. Wisconsin Hazardous Air Contaminants All Sources Emissions From Stack Heights Less Than 25 Feet

### Sodium hypochlorite (7681-52-9)

- U.S. Delaware Pollutant Discharge Requirements Reportable Quantities
- U.S. Massachusetts Oil & Hazardous Material List Groundwater Reportable Concentration Reporting Category 1
- U.S. Massachusetts Oil & Hazardous Material List Groundwater Reportable Concentration Reporting Category 2
- U.S. Massachusetts Oil & Hazardous Material List Reportable Quantity
- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration Reporting Category 1
- U.S. Massachusetts Oil & Hazardous Material List Soil Reportable Concentration Reporting Category 2
- RTK U.S. Massachusetts Right To Know List
- U.S. Massachusetts Toxics Use Reduction Act
- U.S. Michigan Polluting Materials List
- U.S. Minnesota Hazardous Substance List

06/28/2018 RTARTA-CC EN (English US) 8/10

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances

RTK - U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - New Jersey - Special Health Hazards Substances List

U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances

RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

RTK - U.S. - Pennsylvania - RTK (Right to Know) List

U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

### **Canadian Regulations**

### Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List)

### Sodium hydroxide (1310-73-2)

Listed on the Canadian DSL (Domestic Substances List)

### Sodium hypochlorite (7681-52-9)

Listed on the Canadian DSL (Domestic Substances List)

### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Date of Preparation or Latest** 

Revision

: 06/28/2018

Other Information

: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

#### **GHS Full Text Phrases:**

Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Met. Corr. 1	Corrosive to metals Category 1
Skin Corr. 1A	Skin corrosion/irritation Category 1A
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Corr. 1C	Skin corrosion/irritation Category 1C
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H290	May be corrosive to metals
H301	Toxic if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects

NFPA Health Hazard

: 3 - Materials that, under emergency conditions, can cause serious or permanent injury.

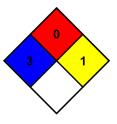
NFPA Fire Hazard : 0 - Materials that will not but

: 0 - Materials that will not burn under typical dire conditions, including intrinsically noncombustible materials

such as concrete, stone, and sand.

**NFPA Reactivity Hazard** 

: 1 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.



06/28/2018 RTARTA-CC EN (English US) 9/10

Safety Data Sheet
According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as quaranteeing any specific property of the product.

NA GHS SDS 2015 (Can, US, Mex)

06/28/2018 RTARTA-CC EN (English US) 10/10